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**NATIONAL  
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RECENSEMENT  
NATIONAL**

**Report No. 11**

**Questions 15, 16: Cultural Origins**

**Canada**



NCT REPORT  
ETHNIC ORIGIN, ETHNIC IDENTITY

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#### SUMMARY

Non-response Q.15 (origin) was 4.9% and for Q.16 (identity) it was 4.8%. These rates are higher compared with the 1986 Census rate of 2.5%. The 1986 Census question was non-mandatory.

The view expressed by enumerators at the debriefing sessions that respondents were not able to distinguish between ethnic origin and ethnic identity was not supported. Responses patterns differ between Q.15 (origin) and Q.16 (identity).

Level of multiple response Q.15 (origin) was 41%. In Q.16 (identity), the level of multiple response was 25%. In 1986, 28% of all responses were multiple.

Single response Canadian was given by 17% of Q.15 (origin) respondents and by 37% of those in Q.16 (identity). In 1986, .3% of respondents gave a single response Canadian. Multiple responses involving Canadian were given by 21% of Q.15 (origin) respondents and by 18% of Q.16 (identity) respondents compared with .1% of 1986 Census respondents.

The population which gave single response Canadian in Q.15 (origin) differs from the group which gave Canadian as ethnic identity (Q.16). In Q.15 (origin), over 50% were from Quebec and over 52% had a mother tongue of French. As well, 98% were non-immigrants.

In Q.16, of those who gave Canadian as their ethnic identity, 67% were English mother tongue, 28% were French mother tongue and 5% were neither English nor French mother tongue. As well, 96% of respondents were non-immigrant. Of those who gave an ethnic identity of Canadian and Other, 24% were immigrant.

The shift in response pattern to Canadian lowered the single and total estimates for the British, French and European groups obtained from Q.15 (origin) and Q.16 (identity). As the shift into Canadian was stronger in Q.16 (identity) compared with Q.15 (origin), the Q.16 single response counts for these groups were lower. For example The Q.15 French count was -130% compared with 1986 and Q.16 French was -148% compared with 1986. Western and Northern European counts obtained from Q.15 were about -35% to -40% lower, whereas the counts from Q.16 were -150% to -175% lower.

When total counts for various ethnic groups were compared, Q.15 (origin) and Q.16 (identity) gave lower counts compared with 1986 except for the Portuguese, Chinese, Polish, Latin, Central and South American, Filipino and Canadian groups. However, only the increases for the Canadian, Portuguese and Latin, Central and South American groups were significant given the sample variability of the NCT estimates.

The presence of a mark-box for the Canadian and Portuguese groups resulted in a significant increase in the estimates for these groups. The absence of a mark-box resulted in a significant decline in the count for the Black group in questions 15 (origin) and 16 (identity).

#### CONCLUSIONS

1. Given the high level of single response Canadian (17%), NCT Q.15 (origin) is not as strong a measure of ethnic ancestry compared with the 1986 Census. Moreover, it may not be a good measure of the ethnic or cultural origins of parents and grandparents. About 50% of francophones gave Canadian as their ethnic origin (Q.15). Certainly, more than 80% of this population would have parents who had Canadian origins.
2. The presence of mark-boxes leads to upward counts (Portuguese and Canadian). Lack of a mark-box leads to decreased counts (i.e.. Black). Thus the way the question is structured influences the counts obtained.
3. NCT Q.16 measures some aspect of ethnic identity. The soundness of the counts are open to debate and certainly more analysis would be required in order to determine with certainty what the question was measuring.
4. Ethnic origin estimates obtained from Q.15 could be used by Employment Equity and Secretary of State (multiculturalism) to study particular groups.
5. Cost of retrieval and ease of retrieval has not been improved. High levels of multiple response shown in Q.15 would increase retrieval costs compared with 1986.
6. Were the NCT Q.17 -- Race or Colour to fail, the NCT Q.15 would be a better proxy for race than would be Q.16. However, the race of the single response Canadian group would have to be deterministically assigned. This would involve 17% of Q.15 (origin) responses and 38% of Q.16 (identity) responses. Based on the NCT, the single response Canadian group is largely White. However, this not true in all cases.

#### RECOMMENDATIONS

1. Given the planning assumption to have only one (1) ethnic or cultural question, the ethnic origins of parents and grandparents is the recommended option. This approach meets the needs of Secretary of State (Multiculturalism Act) and provides a degree of continuity with previous census ethnic origin questions.
2. The effect of mark-boxes is so profound on the estimates of counts in NCT, that an open-ended question should be tested.

### Open Ended Test Question

An open ended ethnic origin question was not proposed for NCT on account of the negative reaction obtained from focus group participants, in particular the ethnic group leaders. Focus group participants were of the opinion that members of their community would have difficulty responding to an open-ended type ethnic question.

Second the cost of manually coding an open-ended ethnic question would have been prohibitive. Now that the decision has been made to use automated coding in the 1991 Census, it is feasible to have an open-ended ethnic question.

#### Proposed test question

1. Open-ended question.
2. Provide examples of several ethnic groups. The rationale for the listing of of examples include the following: a mixture of groups based on incidence, geographic representation and including both European and non-European origins.
3. Question to include no more than four (4) write-in spaces. In 1986, 72% of respondents gave one (1) response, 17% gave two (2) groups, 7% reported three (3) origins and 4% gave four (4) or more origins.

#### Option 1: Ethnic Origin Open-ended Question

What are the ethnic or cultural  
origins of this person's parents  
and grandparents?

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Specify up to 4 groups.

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(For example, French, English,  
Irish, German, Italian, Ukrainian,  
Jewish, Polish, Chinese,  
North American Indian, Metis,  
Inuit/Eskimo, Filipino,  
Indian from India, Arab, Armenian,  
Haitian, Mexican, Canadian,  
Afro-American, etc.,)

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See Guide.

The sample will be split. The example of Canadian will appear on one-half of the questionnaires.

Open-Ended Question for Ethnic Identity

In the event of a re-test, it would be worthwhile to test an open-ended ethnic identity question.

Proposed question

What is this person's  
ethnic or cultural identity?

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Specify up to 2 groups.

(For example, French, English,  
Irish, German, Italian, Ukrainian,  
Jewish, Polish, Chinese,  
North American Indian, Metis,  
Inuit/Eskimo, Filipino,  
Indian from India, Arab, Armenian,  
Haitian, Mexican, Canadian,  
Afro-American, etc.,)

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See Guide.

The example Canadian will appear on one-half of the sample questionnaires.



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## Ethnic Ancestry/Ethnic Identity

### Introduction

The National Census Test represents the first time that the ethnic concept has been divided into two parts and tested in large sample survey using census methodology (drop-off, mail-back). The NCT question 15 asks about ethnic origin: the ethnic or cultural roots of the population as determined by the ethnic or cultural origins of the respondent's parents and grandparents. The NCT question 16 asks about ethnic identity: the respondent's more subjective and personal sense of ethnic or cultural belonging.

The mark-box Canadian was included as an ethnic group on both questions. Also, the mark-box Portuguese was added to the question and the mark-box Black which appeared on the 1986 ethnic origin question was removed. As well, the aboriginal entries included write-in space(s) for Indian band, tribe or nation (see the NCT report by A. Siggner).

### Analysis Plans

This report will focus on the following data analysis issues:

1. Was there a significant non-response on the part of respondents?
2. Were respondents able to distinguish between the concepts of ethnic origin and ethnic identity?
3. What was the Canadian response? Did this response category affect the response patterns of other ethnic groups compared with 1986 Census data?
4. Who answered Canadian as an ethnic origin and as an ethnic identity?

#### 1.0 Response Patterns

##### 1.1 Non-response/Invalids

The non-response rate for Q.15 -- (origins of parents and grandparents) was 4.9%. Question 16 -- ethnic identity (of the respondent) had a non-response rate of 4.8%. Non-response rates were higher in Alberta and British Columbia for both questions (see Table 1). These non-response rates are above the 1986 level of 2.5%. The 1986 Census question was non-mandatory.

The invalid rates for both questions was under 1%. Over one-half of all the invalid entries occurred in Alberta.

## 1.2 Integrity of the Questions

Both questions appear to have been understood by respondents. Visual inspection of questionnaires revealed no major difficulties apart from the confusion on the part of non-aboriginal respondents regarding the write-in space for band, tribe or nation. In the case of both Q.15 and Q.16, 82% of all write-ins in this space were other than aboriginal ones.

Inspection of the write-in responses in the Indian band, tribe or nation space shows that about 12% of the non-aboriginal entries were names of countries or nations. Thus it would appear that the term 'nation' may have partially contributed to this high non-aboriginal response.

Regarding the entries given in the write-in spaces for other ethnic groups, inspection of the write-ins for Q.16 -- identity, (the only write-in space alpha captured), showed only one (1) aboriginal write-in.

## 2.0 Comparison of Responses: NCT Q.15 and Q.16 and 1986 Census

### 2.1 Single/Multiple response

The response patterns to Q.15 (ethnic origin) and Q.16 (ethnic identity) are different. Multiple responses were given by 40.7% of respondents in Q.15 compared with 24.8% of respondents in Q.16. In 1986, 28% of the responses to the Census ethnic origin question were multiple. Thus single responses were given by 59.3% of Q.15 respondents, 75.2% of Q.16 and by 72% of 1986 Census respondents.

The single response Canadian was given by 16.6% of respondents to Q.15 (origin) and by 37.2% of those answering Q.16 (identity). In 1986, just .3% wrote-in a single response of Canadian (see Tables 3 and 4). In the NCT Q.15 (origin), 21.2% of responses were multiples involving Canadian compared with 18.4% for Q.16 (identity) and .1% in 1986.

The impact of such a high level of Canadian ethnic group response was to decrease the estimates obtained from the NCT Q.15 (origin) and Q.16 (identity) questions for the British, French and European groups. The single response estimates for these ethnic groups were especially affected. For example, single response British was given by 14.4% of respondents in Q.15 (origin) and by 15.2% of those in Q.16 (identity) compared with 25.3% in 1986. The single response British group did show an increase in numbers between Q.15 and Q.16, however most groups did not follow this pattern.

Single response French was given by 10.4% of respondents to Q.15 (origin) and by 9.7% of those in Q.16 (identity) compared with 24.4% in 1986. The French and the Black groups experienced the largest drop when the NCT estimates are compared with 1986 Census counts.

Table 14a: Canadian and Canadian Multiple Responses (0.15) by Race (0.17)

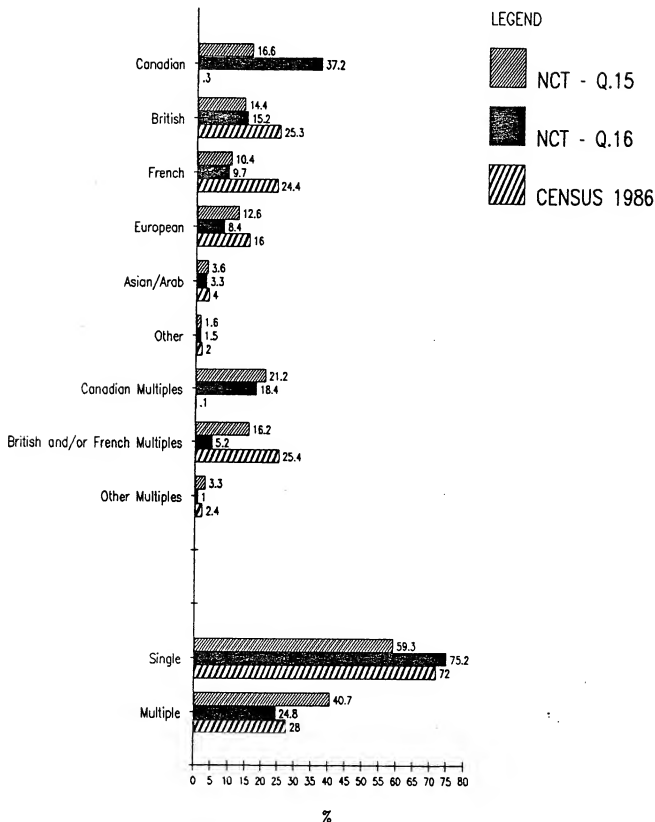
|  | White            | Asian          | Black          | Other          | Non-Response   | Invalid        |
|--|------------------|----------------|----------------|----------------|----------------|----------------|
| Canadian<br>(3,930,000)                              | 3,912,000<br>99% | 4,000<br>0.1%  | 17,000<br>0.4% | 7,000<br>0.3%  | 37,000<br>0.9% | 13,000<br>0.3% |
| Canadian & British<br>(1,840,000)                    | 1,803,000<br>98% | *              | 9,000<br>0.5%  | -              | 23,000<br>1.3% | 1,000          |
| Canadian & French<br>(1,233,000)                     | 1,222,000<br>99% | -              | -              | -              | 11,000<br>0.9% | -              |
| Canadian & Other<br>(708,000)                        | 631,000<br>89.2% | 21,000<br>2.9% | 4,000<br>.6%   | 36,000<br>5.0% | 10,000<br>1.4% | 6,000<br>.9%   |
| Canadian, British<br>and French<br>(400,000)         | 392,000<br>98.2% | -              | -              | 1,000          | 7,300<br>1.8%  | -              |
| Canadian, British<br>and Others<br>(656,000)         | 620,000<br>94.5% | 2,100<br>0.3%  | 1,000<br>0.1%  | 16,000<br>2.5% | 9,000<br>1.4%  | 8,000<br>1.2%  |
| Canadian, French<br>and Others<br>(121,000)          | 114,000<br>94.9% | -              | -              | 5,000<br>3.7%  | 1,000<br>0.7%  | 1,000<br>0.7%  |
| Canadian, British,<br>French and Others<br>(163,000) | 154,000<br>94.8% | -              | -              | 6,000<br>3.3%  | 3,000<br>1.9%  | -              |

Table 14b: Canadian and Canadian Multiple Responses (Q.16) by Race (Q.17)

|   | White              | Asian          | Black          | Other          | Non-Response   | Invalid        |
|---|--------------------|----------------|----------------|----------------|----------------|----------------|
| Canadian<br>(8,982,165)                             | 8,731,000<br>97.2% | 52,000<br>0.6% | 37,000<br>0.4% | 46,000<br>0.5% | 88,000<br>1.0% | 28,000<br>0.3% |
| Canadian & British<br>(1,816,768)                   | 1,775,000<br>97.7% | *              | 10,000<br>0.6% | 4,000<br>0.2%  | 26,000<br>1.4% | 1,000          |
| Canadian & French<br>(1,180,721)                    | 1,171,000<br>99.2% | -              | -              | 1,000<br>0.1%  | 9,000<br>0.7%  | -              |
| Canadian & Other<br>(998,240)                       | 836,000<br>83.7%   | 57,000<br>5.8% | 17,000<br>1.7  | 55,000<br>5.5% | 22,000<br>2.3% | 10,000<br>1.0% |
| Canadian, British<br>and French<br>(175,504)        | 167,000<br>95.0%   | -              | -              | 2,000<br>1.1%  | 7,000<br>3.9%  | *              |
| Canadian, British<br>and Others<br>(249,712)        | 229,000<br>91.8%   | 5,000<br>1.9%  | 1,000          | 10,000<br>4.0% | 5,000<br>1.9%  | *              |
| Canadian, French<br>and Others<br>(33,749)          | 28,000<br>84.1%    | -              | -              | 1,000<br>3.7%  | 4,000<br>11.7% | *              |
| Canadian, British,<br>French and Others<br>(18,073) | 18,000<br>98.4%    | -              | -              | -              | *              | -              |

\* value under 1,000

FIGURE 1. COMPARISON OF RESPONSES BY ETHNIC GROUP, FOR  
ETHNIC ORIGIN (Q.15), ETHNIC IDENTITY (Q.16)  
AND 1986 CENSUS ETHNIC ORIGIN



The single response European groups, for example German, Italian, Ukrainian, etc., were also affected by the shift to Canadian by NCT respondents. For example, 12.6% of respondents gave a single European response in Q.15 (origin), while 8.4% did so in Q.16 (identity). In 1986, 16% of all ethnic responses were single response European.

There appears to have been less of an impact on the Asian and Arab estimates compared with 1986. For example, the single response Asian and Arab groups were somewhat lower in NCT Q.15 (origin) and Q.16 (identity) -- 3.6% and 3.3% respectively. In 1986, 4% of responses were single response Asian and Arab.

As shown in Table 4, the differences between the NCT estimates and the counts obtained in 1986 are fairly substantial for some groups. For example, single response French was 130% lower in NCT Q.15 compared with the 1986 Census count and single response British was 72.7% lower. This can be attributed to the shift in response in the NCT to the Canadian group.

There was also a major drop in the single response Black (-297.6%). Neither NCT Q.15 (origin) nor Q.16 (identity) contained the mark-box Black and the write-in of Black was not high in the NCT. On the other hand, the single response Caribbean estimate increased by 71% for Q.15 (origin) and by 69.3% for Q.16 (identity) compared with the 1986 Census count. In this case, the lack of mark-box Black invited respondents to give a cultural response and not a racial one in the NCT ethnic origin and ethnic identity questions. This had been the pattern in 1981 as a Black mark-box was not included at that time in the list of mark-box ethnic origin entries.

While most groups showed a decline in single response when the NCT Q.15 (origin) estimates and 1986 Census single response counts were compared, the following groups showed increases: Southern European (+1.5%), Indo-Chinese (+4.6%), Chinese (+8.4%), Filipino (+26.3%), Other East/S.E. Asian (+31.3%), Latin, Central and South American (+41%), Caribbean (+71%), Other (+62.7%).

Examination of the coefficient of variance for these groups shows that only the Latin American and Caribbean differences fall outside the range of group estimates at the 95% level. Thus while there are increases in the NCT estimates compared with 1986, they are not significant given the sample variability associated with the NCT data.

Compared with the 1986 counts, the single response Q.16 (identity) groups which showed an increase are the following: Indo-Chinese (+10.9%), Filipino (+34.7%), Other East/S.E. Asian

(+24.2%), Latin, Central and South American (+41%), Caribbean (+69.3%) and Other (+71.6%). A similar trend emerges with the ethnic identity data in that only the observed increases in the Caribbean and Latin, Central and South American groups are significant due to the sample variability of the NCT.

Recent immigration is likely a factor in the increase of Latin, Central and South American origins shown in NCT Q.15 and Q.16. There has also been significant increase in the immigration from Hong Kong and the Peoples Republic of China. For example, 53% of all the immigrants born in Hong Kong and who arrived between 1981 and 1988, came to Canada during 1987 and 1988. However, the sample variability of the NCT is greater than the observed increase in this group.

The shift to Canadian by respondents also affected multiple responses involving British and French origins. For example, just 16.2% of the responses in Q.15 (origin) included the origins of British and/or French compared with 5.2% for Q.16 (identity) and 25.4% in 1986. The multiple response combinations of British Only, British and French, British and Other, French and Other, British, French and Other declined in the NCT questions 15 (origin) and 16 (identity) compared with the 1986 Census (see Tables 3 and 4).

Multiple responses involving groups other than British or French were less affected by the Canadian shift. However, the proportion of the population reporting such an ethnic background is small. For example, multiple responses of groups other than British, French and Canadian were 3.3% of responses to Q.15, 1.0% of Q.16 and 2.4% in 1986 (see Table 2).

## 2.2 Total Ethnic Responses by Group

The shift to the Canadian group by respondents also affected the distribution of total response by ethnic group. As shown in Table 6, the total response for the mark-boxes in Q.15 (origin) and Q.16 (identity) were lower compared with 1986 Census counts for all mark-boxes except Chinese (+10.7% -- NCT Q.15), Polish (+6.7% -- NCT Q.15), Portuguese (+42.1% -- NCT Q.15; +17.7% -- Q.16) and Canadian (+8,509% -- NCT Q.15; +12,592% -- NCT Q.16).

Increased immigration from Poland, Hong Kong, Macao, Peoples Republic of China and Portugal help to explain the increases shown in the the NCT Polish, Chinese and Portuguese estimates. However, only the Portuguese group shows a significant increase (see Table 6a). In the case of the Portuguese and Canadian groups, certainly the inclusion of the mark-box directly influenced the observed increase in the NCT estimates compared with the 1986 Census.



Thus with the exception of the groups which had a mark-box added to the question or for which there has been an influx of recent immigrants, the NCT Q.15 and Q.16 total estimates were lower compared with the 1986 Census counts. Certainly, for the European, British and French groups this was the case.

The shift to Canadian by respondents in Q.16 (identity) had an even more severe impact as compared with the origin of parents and grandparents question (Q.15). For example, the NCT Q.16 estimate for Irish was 67.7% less compared with the 1986 Census count and Scottish was -65.2%. The Chinese estimate obtained from Q.16 was also lower (-3.8%) compared with 1986. The Q.15 estimates for these groups showed decreases of the following magnitude: Irish (-9.7%), Scottish (-5.7%), and German (-6.9% Q.15 as compared with -60.4% in Q.16).

### 2.3 Summary of Q.15 and Q.16 Results

The shift by respondents in the NCT to the Canadian group resulted in a major drop in single response counts, especially in the Q.16 (identity) question. As shown in Table 4, the single response estimates were lower in Q.16 as compared with Q.15 for all single response groups except the following: British (+5%), Canadian (+55.5%), West Asian (+11.8%), Indo-Chinese (+6.6%), Filipino (+11.3%), Pacific Islanders (+4.9%), Latin Central and South American (+1%), Other (+23.8%) and the multiple response group Canadian and Other (+29%).

Thus the single estimates for most groups were lower in Q.16 as compared with Q.15. As well, the total estimates of groups obtained from Q.16 were lower compared with Q.15. It is interesting to note that when total estimates are examined, the origins of parents and grandparents question (Q.15), except for single response groups of British, French, Dutch and Jewish, gives total estimates comparable with 1986 (+/- 10%).

The total estimates from Q.15 could be used by Multiculturalism programs to profile groups and to measure ethnic composition. However, given the high level of multiple responses (largely with Canadian), the cost of retrieval would be high. As well, the variable remains difficult to manipulate and to analyze.

### 3.0 Canadian Responses

This section will look at the respondents who gave Canadian as ethnic origin and/or ethnic identity. The data in this section, unlike the proceeding one, has not been adjusted for non-response or invalids. Thus many of the tables have blank or non-response cells.

### 3.1 Canadian Response: Analysis of Unadjusted Data

As shown in Table 7 on an unadjusted basis, 15.7% of respondents to Q.15 (origin) gave single response Canadian, while 20.2% gave a multiple response. Among Q.16 (identity) respondents, 35.4% gave single response Canadian and 17.6% gave a multiple response Canadian.

#### Single response Canadian

Over one-half the the estimated 15.7% of those who answered just Canadian in Q.15 (origin) came from Quebec, 25% from Ontario and further 10% from Alberta and British Columbia. Of those who reported single response Canadian in Q.16 (identity), 35% came from Ontario, 29% from Quebec and over 21% from Alberta and British Columbia (see Table 8).

Not surprisingly, over one-half of the estimated 15.7% of those who answered Canadian in Q.15 (origin) had a French mother tongue. English mother tongue respondents provided 45% of responses and Other mother tongue respondents just under 2% of the single Canadian count. The linguistic profile of those having Canadian as ethnic identity (Q.16) varied considerably from the Q.15 (origin) group, as 67% had English mother tongue, 28% French and 5% Other (see Table 10).

These mother tongue findings confirm the distributions shown in Tables 8 and 9. Moreover, it shows that francophones were much more likely to give their ethnic origin as being Canadian compared with anglophones. As for those respondents giving Canadian as ethnic identity, the linguistic profile shows that respondents with mother tongue English were over-represented (as were French mother tongue respondents) compared with the population who reported single response Canadian and had a mother tongue other than English or French.

In Q.15 (origin), 98.5% of those who reported a single response Canadian were non-immigrant, a further .4% were immigrant and another 1.1% did not answer the questions from which the immigrant variable was derived.

The population reporting single response Canadian as ethnic identity had a higher proportion of immigrants compared with Q.15 (origin). In Q.16 (identity), 96.1% were non-immigrant, 2.8% were immigrant and 1.1% had not responded to the questions from which the immigrant variable was derived.

#### Multiple response Canadian

Of the the 20% who gave a multiple response Canadian in Q.15 (origin), the combinations of Canadian and British (7%) and Canadian and French (5%) were the most common. This trend was

also evident amongst the 18% who gave a multiple Canadian response in Q.16 (identity), as 7% gave Canadian and British, 5% reported Canadian and French and 4% gave Canadian and Other (see Table 7).

As shown in Table 9, the multiple response Canadian responses were most likely to be given by those living in Quebec (22.9% - Q.15; 24.6% -- Q.16), Ontario (40.6% -- Q.15; 38.2% -- Q.16), Alberta (6.4% -- Q.15; 7.8% -- Q.16) and British Columbia (11.2% Q.15, Q.16).

When the multiple response Canadian categories are examined by mother tongue, linguistic profiles of the multiple categories vary. For example, for those who were Canadian and French, over 92% (Q.15, Q.16) were mother tongue French and less than 6% (Q.15, Q.16) were mother tongue English. As for the group Canadian and British, 97% (Q.15, Q.16) were mother tongue English and less than 2% (Q.15, Q.16) were mother tongue French.

Among those who gave the multiple response Canadian and Other, over 75% of Q.15 respondents compared with 52% of Q.16 respondents had a mother tongue of English and less than 6% of Q.15 and Q.16 respondents had a French mother tongue. A further 16% of the Canadian and Other group obtained from Q.15 (origin) had neither English nor French language mother tongue compared with 44% of Q.16 (identity) respondents who gave the multiple response Canadian and Other.

The proportion of the respondents who were immigrant also varied among the multiple response Canadian categories. For example the Q.15 (origin) group Canadian and French was 99% non-immigrant, compared with the Canadian and Other group which was 97% non-immigrant.

The multiple Canadian groups obtained from Q.16 (identity) also showed considerable variation in the proportion which were immigrant and non-immigrant. For example, the Q.16 (identity) multiple response group Canadian and Other was 24% immigrant.

### 3.2 1986 Census Canadian Group

In 1986, 31% of respondents giving Canadian origin (single and multiple) lived in Ontario, 20% in Alberta and 20% in British Columbia. Just 6% lived in Quebec.

The linguistic profile of the 1986 Census Canadian ethnic origin population was predominately English. Over 91% had a mother tongue of English and 5% had a French mother tongue.

Of those giving Canadian as their ethnic origin in 1986, 3% were immigrants.

This 1986 Canadian ethnic origin population profile varies from the population profile obtained in the NCT Q.15 (origin). In the NCT Q.15, the population was much more francophone as over half were mother tongue French and lived in Quebec. Even compared to the ethnic identity population obtained from NCT Q.16, the 1986 Canadian group is more anglophone.

Thus based on these three questions, three different profiles of the Canadian ethnic group emerge.

### 3.3 Transfer of responses between Q.15 (origin) and Q.16 (identity): Canadian origins

There was considerable transfer of responses from the non-Canadian origins (Q.15) to the Canadian identity (Q.16) group. For example, single response Canadian increased from 15.7% in Q.15 (unadjusted) to 35.3% in Q.16 (unadjusted). Table 12 shows the contribution made by the Q.15 (origin) ethnic groups to the Q.16 (identity) single and multiple response Canadian. The Canadian single response in Q.15 (origin) contributed to 41% of the single Canadian response in Q.16 (identity). As well, the multiple Canadian responses in Q.15 (origin) contributed a further 25.8% (identity) of the single Canadian response in Q.16.

Of the non-Canadian Q.15 (origin) groups, the contributions to the single response Canadian in Q.16 (identity) were the following: British (7%), British Only (4%), British and Other (6%) and British and French (1%). In total these groups contributed a further 18.5% to the Q.16 single response Canadian group. The single response European and Jewish groups in Q.15 (origin) contributed 5%, French and French multiples contributed 2% and the Asian, Arab and Other groups contributed a further 2% to the Q.16 (identity) single response Canadian group.

Examination of these ethnic transfers from the question on origins of parents and grandparents (Q.15) to the identity question (Q.16) are supported by the difference in the mother tongue profile between the two questions. For example, the Canadian identity group in Q.16 shows a strong response by the English mother tongue group. Also shown is the increased level of non-official mother tongue respondents reporting Canadian as an ethnic identity.

### 3.4 Canadian Origin and Identity and Race

Given the predominately French mother tongue response of the single response Canadian group (Q.15) and the strong English and French mother tongue responses of Canadian respondents in Q.16, it is not surprising that the majority of respondents gave White as their race in Q.17. Over 98% of respondents in Q.15 (origin) single response Canadian group gave White and 97% of the respondents in Q.16 (identity) single response Canadian group gave White.

The Canadian multiple responses showed some variation among the groups and between questions. For example, 99% of the Q.15 (origin) Canadian and French group reported White compared with 89% of the Canadian and Other group. The Canadian and French group in Q.16 (identity) also gave a high White response (99%), though the Canadian and Other group in Q.16 was less likely to give White (84%) compared with the Q.15 (origin) Canadian and Other population.

However, it would be misleading to assume that all single response Canadian ethnic and identity respondents gave White in question 17. For example, 17,000 of the single response Canadian respondents [Q.15 - origin] gave Black in Q.17 and 4,000 gave Asian.

Of the single response Canadian group in Q.16 (identity), 37,000 respondents gave Black and 52,000 gave Asian as responses in Q.17 (race). The single response Canadian identity group appears to be more racially diverse compared with the Q.15 (origin) Canadian group (see Table 14). This should not be too surprising given the shift of responses from the non-Canadian origins in Q.15 to the Canadian identity in Q.16.

In the event that a race or colour question should encountered considerable response difficulties in the 1991 Census, a high single response Canadian origin or identity count could prove problematic. Based on the NCT results, a high proportion of the Canadian population, both origin and identity, would be White. However, this is not universally the case.

### 3.5 Re-interview Ethnic Origin Question

Four weeks after the November NCT survey, a small sample of respondents were asked additional questions. Included was a question on the ethnic, cultural and racial origins of the population. Each member of the household over the age of 15 was to answer the re-interview questions and proxy responses were not permitted. The survey methodology was telephone.

#### Re-interview question -- Canadian

Approximately 42% of all re-interview respondents (2,796) gave Canadian as their ethnic, cultural and racial origin. The single response Canadian accounted for 21% of responses (1,369). This level of Canadian response is between the NCT Q.15 (origin) figure of 36% (unadjusted) and the NCT Q.16 (identity) level of 53% (unadjusted).

After probing, 959 of the 1,369 single response Canadian group (70%) said that they had no other ethnic, cultural or racial origins, 330 (24%) admitted to having other origins and 80 (1%) would not answer the question.

Respondents having additional origins (330) were largely of British, French or European backgrounds. The exception to this were the following: 1 - Metis, 2 - Ojibway, 4 - North American Indian, 1 - Indian and 1 - Lebanese.

Factors such as the survey methodology, proxy reporting in the NCT and the type of ethnic question used in the re-interview survey may have contributed to this high level of Canadian response. It should be noted that the re-interview question obtained a much higher level of Canadian compared with the General Social Survey (GSS) result of 8% Canadian. GSS uses the 1986 Census question << To which ethnic or cultural groups do you or did your ancestors belong? >> in a telephone survey context.

#### Re-interview Question -- Race Type Responses

Brief examination of the NCT re-interview question which asked respondents to give their ethnic, cultural or racial origins did not produce race or colour type responses. For example, 1 respondent gave Caucasian, 1 gave White, and 7 responded Black. The remainder of responses were of ethnic and cultural groups.

Given the high level of Canadian responses, this question would not produce data that would be any more suitable for Employment Equity purposes than that which could be provided from NCT 15 (origin) and NCT 16 (identity).

## SUMMARY

Non-response Q.15 (origin) was 4.9% and for Q.16 (identity) it was 4.8%. These rates are higher compared with the 1986 Census rate of 2.5%. The 1986 Census question was non-mandatory.

The view expressed by enumerators at the debriefing sessions that respondents were not able to distinguish between ethnic origin and ethnic identity was not supported. Responses patterns differ between Q.15 (origin) and Q.16 (identity).

Level of multiple response Q.15 (origin) was 41% . In Q.16 (identity), the level of multiple response was 25%. In 1986, 28% of all responses were multiple.

Single response Canadian was given by 17% of Q.15 (origin) respondents and by 37% of those in Q.16 (identity). In 1986, .3% of respondents gave a single response Canadian. Multiple responses involving Canadian were given by 21% of Q.15 (origin) respondents and by 18% of Q.16 (identity) respondents compared with .1% of 1986 Census respondents.

The population which gave single response Canadian in Q.15 (origin) differs from the group which gave Canadian as ethnic identity (Q.16). In Q.15 (origin), over 50% were from Quebec and over 52% had a mother tongue of French. As well, 98% were non-immigrants.

In Q.16, of those who gave Canadian as their ethnic identity, 67% were English mother tongue, 28% were French mother tongue and 5% were neither English nor French mother tongue. As well, 96% of respondents were non-immigrant. Of those who gave an ethnic identity of Canadian and Other, 24% were immigrant.

The shift in response pattern to Canadian lowered the single and total estimates for the British, French and European groups obtained from Q.15 (origin) and Q.16 (identity). As the shift into Canadian was stronger in Q.16 (identity) compared with Q.15 (origin), the Q.16 single response counts for these groups were lower. For example The Q.15 French count was -130% compared with 1986 and Q.16 French was -148% compared with 1986. Western and Northern European counts obtained from Q.15 were about -35% to -40% lower, whereas the counts from Q.16 were -150% to -175% lower.

When total counts for various ethnic groups were compared, Q.15 (origin) and Q.16 (identity) gave lower counts compared with 1986 except for the Portuguese, Chinese, Polish, Latin, Central and South American, Filipino and Canadian groups. However, only the increases for the Canadian, Portuguese and Latin, Central and South American groups were significant given the sample variability of the NCT estimates.

The presence of a mark-box for the Canadian and Portuguese groups resulted in a significant increase in the estimates for these groups. The absence of a mark-box resulted in a significant decline in the count for the Black group in questions 15 (origin) and 16 (identity).

#### CONCLUSIONS

1. Given the high level of single response Canadian (17%), NCT Q.15 (origin) is not as strong a measure of ethnic ancestry compared with the 1986 Census. Moreover, it may not be a good measure of the ethnic or cultural origins of parents and grandparents. About 50% of francophones gave Canadian as their ethnic origin (Q.15). Certainly, more than 80% of this population would have parents who had Canadian origins.
2. The presence of mark-boxes leads to upward counts (Portuguese and Canadian). Lack of a mark-box leads to decreased counts (i.e.. Black). Thus the way the question is structured influences the counts obtained.
3. NCT Q.16 measures some aspect of ethnic identity. The soundness of the counts are open to debate and certainly more analysis would be required in order to determine with certainty what the question was measuring.
4. Ethnic origin estimates obtained from Q.15 could be used by Employment Equity and Secretary of State (multiculturalism) to study particular groups.
5. Cost of retrieval and ease of retrieval has not been improved. High levels of multiple response shown in Q.15 would increase retrieval costs compared with 1986.
6. Were the NCT Q.17 -- Race or Colour to fail, the NCT Q.15 would be a better proxy for race than would be Q.16. However, the race of the single response Canadian group would have to be deterministically assigned. This would involve 17% of Q.15 (origin) responses and 38% of Q.16 (identity) responses. Based on the NCT, the single response Canadian group is largely White. However, this not true in all cases.



#### RECOMMENDATIONS

1. Given the planning assumption to have only one (1) ethnic or cultural question, the ethnic origins of parents and grandparents is the recommended option. This approach meets the needs of Secretary of State (Multiculturalism Act) and provides a degree of continuity with previous census ethnic origin questions.
2. The effect of mark-boxes is so profound on the estimates of counts in NCT, that an open-ended question should be tested.

### Open Ended Test Question

An open ended ethnic origin question was not proposed for NCT on account of the negative reaction obtained from focus group participants, in particular the ethnic group leaders. Focus group participants were of the opinion that members of their community would have difficulty responding to an open-ended type ethnic question.

Second the cost of manually coding an open-ended ethnic question would have been prohibitive. Now that the decision has been made to use automated coding in the 1991 Census, it is feasible to have an open-ended ethnic question.

### Proposed test question

1. Open-ended question.
2. Provide examples of several ethnic groups. The rationale for the listing of examples include the following: a mixture of groups based on incidence, geographic representation and including both European and non-European origins.
3. Question to include no more than four (4) write-in spaces. In 1986, 72% of respondents gave one (1) response, 17% gave two (2) groups, 7% reported three (3) origins and 4% gave four (4) or more origins.

### Option 1: Ethnic Origin Open-ended Question

What are the ethnic or cultural  
origins of this person's parents  
and grandparents?

---

---

Specify up to 4 groups.

---

(For example, French, English,  
Irish, German, Italian, Ukrainian,  
Jewish, Polish, Chinese,  
North American Indian, Metis,  
Inuit/Eskimo, Filipino,  
Indian from India, Arab, Armenian,  
Haitian, Mexican, Canadian,  
Afro-American, etc.,)

---

See Guide.

The sample will be split. The example of Canadian will appear on one-half of the questionnaires.

Open-Ended Question for Ethnic Identity

In the event of a re-test, it would be worthwhile to test an open-ended ethnic identity question.

Proposed question

What is this person's  
ethnic or cultural identity?

\_\_\_\_\_

\_\_\_\_\_

Specify up to 2 groups.

\_\_\_\_\_

(For example, French, English,  
Irish, German, Italian, Ukrainian,  
Jewish, Polish, Chinese,  
North American Indian, Metis,  
Inuit/Eskimo, Filipino,  
Indian from India, Arab, Armenian,  
Haitian, Mexican, Canadian,  
Afro-American, etc.,)

\_\_\_\_\_

See Guide.

The example Canadian will appear on one-half of the sample questionnaires.


Ethnic Origin (Ancestry) Question, NCT


15. What are the ethnic or cultural origins of this person's parents and grandparents?

Mark or print as many groups as apply.

- |  |                                     |
|--|-------------------------------------|
| 01 <input type="radio"/> French                | 07 <input type="radio"/> Ukrainian  |
| 02 <input type="radio"/> English               | 08 <input type="radio"/> Dutch      |
| 03 <input type="radio"/> German                | 09 <input type="radio"/> Chinese    |
| 04 <input type="radio"/> Scottish              | 10 <input type="radio"/> Jewish     |
| 05 <input type="radio"/> Irish                 | 11 <input type="radio"/> Polish     |
| 06 <input type="radio"/> Italian               | 12 <input type="radio"/> Portuguese |
| 13 <input type="radio"/> North American Indian | }<br>→ Continue below<br>↓          |
| 14 <input type="radio"/> Métis                 |                                     |
| 15 <input type="radio"/> Inuit (Eskimo)        |                                     |


Specify Band or First Nation or Tribe, if applicable (for example, Cross Lake Indian Band, Halda Nation, Inuvialut)


1 

2 

- 16 ☐ Other ethnic or cultural group(s) (for example, Greek, Norwegian, Indian from India or U.K. or Ugandan, Vietnamese, Filipino, Mexican, Armenian, Haitian, Lebanese, Japanese)

Specify

3 

4 

- 17 ☐ Canadian

Ethnic Origin (Self-identification) Question, NCT

16. What is this person's ethnic or cultural identity?

*Mark or print as many groups as apply.*

- 01 ☐ French    07 ☐ Ukrainian  
02 ☐ English    08 ☐ Dutch  
03 ☐ German    09 ☐ Chinese  
04 ☐ Scottish    10 ☐ Jewish  
05 ☐ Irish    11 ☐ Polish  
06 ☐ Italian    12 ☐ Portuguese  
13 ☐ North American Indian  
14 ☐ Métis  
15 ☐ Inuit (Eskimo)

Continue  
below  
↓

Specify Band or First Nation or  
Tribe, if applicable (for example,  
Cross Lake Indian Band, Haide  
Nation, Inuvialut)

|  |  |
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- 16 ☐ Other ethnic or cultural  
group(s) (for example, Greek,  
Norwegian, Indian from India or  
U.K. or Uganda, Vietnamese,  
Filipino, Mexican, Armenian,  
Haitian, Lebanese, Japanese)

Specify

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- 17 ☐ Canadian

Ethnic Origin Question, NCT Re-interview Survey

34. What is (are) your ethnic, cultural or racial origin(s)?

- |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <sup>01</sup> <input type="radio"/> French    | <sup>10</sup> <input type="radio"/> Jewish   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <sup>02</sup> <input type="radio"/> English   | <sup>11</sup> <input type="radio"/> Polish   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <sup>03</sup> <input type="radio"/> German    | <sup>12</sup> <input type="radio"/> Portuguese   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <sup>04</sup> <input type="radio"/> Scottish  | <sup>13</sup> <input type="radio"/> South Asian<br>(includes Indians<br>from India)  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <sup>05</sup> <input type="radio"/> Irish     | <sup>14</sup> <input type="radio"/> Black  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <sup>06</sup> <input type="radio"/> Italian   | <sup>15</sup> <input type="radio"/> North American Indian  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <sup>07</sup> <input type="radio"/> Ukrainian | <sup>16</sup> <input type="radio"/> Métis  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <sup>08</sup> <input type="radio"/> Dutch     | <sup>17</sup> <input type="radio"/> Inuit  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <sup>09</sup> <input type="radio"/> Chinese   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <sup>18</sup> <input type="radio"/> Other     | <table border="1" style="display: inline-table; width: 150px; height: 1.2em; vertical-align: middle;"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table><br>(Specify) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <sup>19</sup> <input type="radio"/> Canadian  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

35. INTERVIEWER CHECK ITEM:

- If the only category checked in Question 34 is Canadian ..... <sup>1</sup> ☐ Go to Question 36.
- Otherwise ..... <sup>2</sup> ☐ Go to Question 11 on top of next page and continue interview with the next available person in the household.

36. Other than Canadian, do you have any other ethnic, cultural or racial origins?

- <sup>3</sup> ☐ No
- <sup>4</sup> ☐ Yes (Specify)

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Go to Question 11 on top of next page and continue interview with the next available person in the household.

Table 1a: Non-Response, NCT Questions, Canada, Provinces

|                      | Q.15 Ethnic Identity |         | Q.16 Ethnic Identity |         | Q.17 Race |         |
|----------------------|----------------------|---------|----------------------|---------|-----------|---------|
|                      | Number               | Percent | Number               | Percent | Number    | Percent |
| Canada               | 1,252,000            | 4.9%    | 1,209,000            | 4.8%    | 1,202,000 | 4.7%    |
| Newfoundland         | 21,000               | 3.7%    | 18,000               | 3.3%    | 14,000    | 2.4%    |
| Prince Edward Island | 11,000               | 8.8%    | 12,000               | 9.8%    | 11,000    | 8.8%    |
| Nova Scotia          | 37,000               | 4.3%    | 38,000               | 4.4%    | 40,000    | 4.6%    |
| New Brunswick        | 22,000               | 3.1%    | 23,000               | 3.3%    | 20,000    | 2.8%    |
| Quebec               | 223,000              | 3.4%    | 227,000              | 3.5%    | 255,000   | 3.9%    |
| Ontario              | 401,000              | 4.3%    | 407,000              | 4.4%    | 359,000   | 3.8%    |
| Manitoba             | 35,000               | 3.4%    | 33,000               | 3.2%    | 38,000    | 3.7%    |
| Saskatchewan         | 38,000               | 3.9%    | 36,000               | 3.8%    | 40,000    | 4.2%    |
| Alberta              | 232,000              | 9.8%    | 178,000              | 7.6%    | 171,000   | 7.3%    |
| British Columbia     | 233,000              | 8.0%    | 236,000              | 8.1%    | 255,000   | 8.7%    |

Table 1b: Invalid Responses, NCT Questions, Canada, Provinces

|                      | Q.15 Ethnic Identity |         | Q.16 Ethnic Identity |         | Q.17 Race |         |
|----------------------|----------------------|---------|----------------------|---------|-----------|---------|
|                      | Number               | Percent | Number               | Percent | Number    | Percent |
| Canada               | 45,000               | 0.2%    | 46,000               | 0.1%    | 119,000   | 0.5%    |
| Newfoundland         | 0                    | 0.0%    | 0                    | 0.0%    | 0         | 0.0%    |
| Prince Edward Island | *                    | 0.1%    | 0                    | 0.0%    | *         | 0.1%    |
| Nova Scotia          | 0                    | 0.0%    | 2,000                | 0.2%    | 3,000     | 0.3%    |
| New Brunswick        | *                    | 0.0%    | 0                    | 0.0%    | *         | 0.1%    |
| Quebec               | 3,000                | 0.0%    | 3,000                | 0.0%    | 11,000    | 0.2%    |
| Ontario              | 10,000               | 0.1%    | 8,000                | 0.1%    | 60,000    | 0.6%    |
| Manitoba             | 6,000                | 0.5%    | 6,000                | 0.6%    | 15,000    | 1.5%    |
| Saskatchewan         | 2,000                | 0.2%    | 2,000                | 0.2%    | 11,000    | 1.2%    |
| Alberta              | 23,000               | 1.0%    | 25,000               | 1.0%    | 18,000    | 0.8%    |
| British Columbia     | 1,000                | 0.1%    | 1,000                | 0.0%    | 0         | 0.0%    |

All data rounded to nearest thousand.

\* values under 1,000

Table 2: Comparison of Responses by Ethnic Group, for Ethnic Ancestry (Q.15), Ethnic Identity (Q.16) and 1986 Census Ethnic Origin

|                                 | NCT - Q.15 | NCT - Q.16 | Census 1986 |
|---------------------------------|------------|------------|-------------|
| Canadian                        | 16.6%      | 37.2%      | 0.3%        |
| British                         | 14.4%      | 15.2%      | 25.3%       |
| French                          | 10.4%      | 9.7%       | 24.4%       |
| European                        | 12.6%      | 8.4%       | 16.0%       |
| Asian/Arab                      | 3.6%       | 3.3%       | 4.0%        |
| Other                           | 1.6%       | 1.5%       | 2.0%        |
| Canadian Multiples              | 21.2%      | 18.4%      | 0.1%        |
| British and/or French Multiples | 16.2%      | 5.2%       | 25.4%       |
| Other Multiples                 | 3.3%       | 1.0%       | 2.4%        |
| Single                          | 59.3%      | 75.2%      | 72.0%       |
| Multiple                        | 40.7%      | 24.8%      | 28.0%       |



Table 3: Comparison of NCT Q. 15 and NCT Q. 16 with 1986 Census, Canada

| Ethnic Groups              | 1986       |       | Ethnic Groups         | Q. 15                   |       | Ethnic Groups         | Q. 16                     |       |
|----------------------------|------------|-------|-----------------------|-------------------------|-------|-----------------------|---------------------------|-------|
|                            | Census     |       |                       | Ethnic Origin<br>(000s) |       |                       | Ethnic Identity<br>(000s) |       |
| TOTAL(1)                   | 24,946,625 | 100.0 | TOTAL(1)              | 25,404                  | 100.0 | TOTAL(1)              | 25,404                    | 100.0 |
| BRITISH.....               | 6,320,335  | 25    | BRITISH               | 3,659                   | 14.4  | BRITISH               | 3,850                     | 15.2  |
| FRENCH.....                | 6,090,880  | 24    | FRENCH                | 2,648                   | 10.4  | FRENCH                | 2,457                     | 9.7   |
| ABORIGINAL.....            | 342,815    | 1     | ABORIGINAL            | 136                     | 0.5   | ABORIGINAL            | 128                       | 0.5   |
| CANADIAN.....              | 68,035     | 0     | CANADIAN              | 4,205                   | 16.6  | CANADIAN              | 9,449                     | 37.2  |
| WEST EUROPEAN.....         | 1,318,790  | 5     | WEST EUR.             | 952                     | 3.7   | WEST EUR.             | 525                       | 2.1   |
| NORTH EUROPEAN.....        | 211,470    | 1     | NORTH EUR.            | 154                     | 0.6   | NORTH EUR.            | 77                        | 0.3   |
| EAST EUROPEAN.....         | 886,865    | 4     | EAST EUR.             | 686                     | 2.7   | EAST EUR.             | 470                       | 1.9   |
| SOUTH EUROPEAN.....        | 1,241,525  | 5.0   | SOUTH EUR.            | 1,261                   | 5.0   | SOUTH EUR.            | 906                       | 3.6   |
| JEWISH.....                | 245,810    | 1.0   | JEWISH                | 146                     | 0.6   | JEWISH                | 122                       | 0.5   |
| WEST ASIAN.....            | 41,285     | 0     | WEST ASIAN            | 27                      | 0.1   | WEST ASIAN            | 31                        | 0.1   |
| ARAB.....                  | 72,300     | 0     | ARAB                  | 46                      | 0.2   | ARAB                  | 30                        | 0.1   |
| SOUTH ASIAN.....           | 266,690    | 1     | SOUTH ASIAN           | 186                     | 0.7   | SOUTH ASIAN           | 171                       | 0.7   |
| INDO-CHINESE.....          | 74,605     | 0     | INDO-CHINESE          | 78                      | 0.3   | INDO-CHINESE          | 84                        | 0.3   |
| CHINESE.....               | 359,980    | 1     | CHINESE               | 393                     | 1.5   | CHINESE               | 325                       | 1.3   |
| KOREAN.....                | 27,650     | 0     | KOREAN                | 22                      | 0.1   | KOREAN                | 15                        | 0.1   |
| JAPANESE.....              | 40,195     | 0     | JAPANESE              | 39                      | 0.2   | JAPANESE              | 30                        | 0.1   |
| FILIPINO.....              | 93,100     | 0     | FILIPINO              | 126                     | 0.5   | FILIPINO              | 142                       | 0.6   |
| OTHER EAST-S.E. ASIAN..... | 4,215      | 0.0   | OTHER ASIAN           | 6                       | 0.0   | OTHER ASIAN           | 6                         | 0.0   |
| PAC. IS.....               | 6,620      | 0.0   | PAC. ISLANDS          | 4                       | 0.0   | PAC. ISLANDS          | 4                         | 0.0   |
| LAT. CENT. & SO. AM.....   | 32,200     | 0     | L., C. & S. AMER      | 55                      | 0.2   | L., C. & S. AMER      | 55                        | 0.2   |
| CARRIBEAN.....             | 48,465     | 0     | CARRIBEAN IS.         | 167                     | 0.7   | CARRIBEAN IS.         | 158                       | 0.6   |
| BLACK.....                 | 174,850    | 1     | BLACK ORIGINS         | 44                      | 0.2   | BLACK ORIGINS         | 34                        | 0.1   |
| OTHER AFRICAN.....         | 4,935      | 0.0   | OTHER AFRICAN         | 4                       | 0.0   | OTHER AFRICAN         | 3                         | 0.0   |
| OTHER.....                 | 9,200      | 0.0   | OTHER ORIGINS         | 25                      | 0.1   | OTHER ORIGINS         | 32                        | 0.1   |
| SINGLE ORIGINS.....        | 17,982,830 | 72    | SINGLE ORIGINS        | 15,070                  | 59.3  | SINGLE ORIGINS        | 19,104                    | 76.4  |
| BR. ONLY.....              | 2,068,850  | 8     | BRITISH ONLY          | 1,498                   | 5.9   | BRITISH ONLY          | 464                       | 1.8   |
| BRIT & FRE.....            | 1,136,685  | 5     | BRIT. & FRE.          | 704                     | 2.8   | BRIT. & FRE.          | 262                       | 1.0   |
| BRIT & OTHER.....          | 2,253,705  | 9.0   | BRIT & OTHER          | 4,017                   | 15.8  | BRIT & OTHER          | 2,661                     | 10.5  |
| CAN. & BR.....             | 16,145     | 0.1   | CAN. & BR.            | 1,938                   | 7.6   | CAN. & BR.            | 1,911                     | 7.5   |
| CAN. & BR & OTH.....       | 8,410      | 0.0   | CAN., BR. & OTH.      | 691                     | 2.7   | CAN., BR. & OTH.      | 263                       | 1.0   |
| BRIT & OTH (res).....      | 2,229,150  | 8.9   | BRIT. & OTHER (res)   | 1,388                   | 5.5   | BRIT. & OTHER (res)   | 488                       | 1.9   |
| FRE ONLY.....              | 5,925      | 0.0   | FRENCH ONLY           | 8                       | 0.0   | FRENCH ONLY           | 2                         | 0.0   |
| FRE & OTHER.....           | 324,530    | 1.3   | FRENCH & OTH          | 1,625                   | 6.4   | FRENCH & OTH          | 1,340                     | 5.5   |
| CAN & FR.....              | 3,775      | 0.0   | CAN. & FR.            | 1,300                   | 5.1   | CAN. & FR.            | 1,262                     | 4.9   |
| CAN & FR & OTH.....        | 710        | 0.0   | CAN., FR. & OTH       | 127                     | 0.5   | CAN., FR. & OTH       | 35                        | 0.1   |
| FR & OTH (res).....        | 320,045    | 1.3   | FRENCH & OTH. (res)   | 198                     | 0.8   | FRENCH & OTH. (res)   | 62                        | 0.2   |
| BR. FR. & OTH.....         | 560,670    | 2.2   | BR, FR & OTH          | 892                     | 3.5   | BR, FR & OTH          | 273                       | 1.1   |
| CAN & BR. & FR.....        | 2,025      | 0.0   | CAN., BR. & FR.       | 422                     | 1.7   | CAN., BR. & FR.       | 185                       | 0.7   |
| CAN & BR. & FR. & OT       | 2,200      | 0.0   | CN., BR., FR. & OT    | 172                     | 0.7   | CN., BR., FR. & OT    | 19                        | 0.1   |
| BR. & FR. & OTH (res)..... | 556,440    | 2.2   | BR., FR. & OTH. (res) | 298                     | 1.2   | BR., FR. & OTH. (res) | 69                        | 0.3   |
| OTHER.....                 | 613,430    | 2.5   | OTHER                 | 1,591                   | 6.3   | OTHER                 | 1,299                     | 5.1   |
| CAN & OTHER.....           | 10,015     | 0.0   | CAN. & OTHER          | 746                     | 2.9   | CAN. & OTHER          | 1,050                     | 4.1   |
| OTHER (res).....           | 603,415    | 2.4   | OTHER (res)           | 845                     | 3.3   | OTHER (res)           | 249                       | 1.0   |
| TOTAL MULT.....            | 6,963,795  | 27.9  | TOTAL MULTIPLE        | 10,334                  | 40.7  | TOTAL MULTIPLE        | 6,300                     | 24.8  |

(1) Excludes Yukon and N.W.T.

All NCT data rounded to nearest 1,000.

Table 3A: Calculation of coefficient of variance and MCT range of estimate at 95% level of confidence, Q.15 - Ethnic Origin

| Ethnic Origin                  | Total     | % C.V. | Estimate Range |
|--------------------------------|-----------|--------|----------------|
| British                        | 3,472,000 | 3.45%  | +/- 240,000    |
| French                         | 2,513,000 | 6.48%  | +/- 326,000    |
| Aboriginal                     | 130,000   | 4.51%  | +/- 12,000     |
| Canadian                       | 3,990,000 | 6.13%  | +/- 489,000    |
| West European                  | 904,000   | 2.93%  | +/- 53,000     |
| North European                 | 147,000   | 2.03%  | +/- 6,000      |
| East European                  | 651,000   | 4.12%  | +/- 54,000     |
| South European                 | 1,196,000 | 20.21% | +/- 483,000    |
| Jewish                         | 139,000   | 12.45% | +/- 35,000     |
| West Asian                     | 26,000    | 4.09%  | +/- 2,000      |
| Arab                           | 44,000    | 5.57%  | +/- 5,000      |
| South Asian                    | 177,000   | 12.48% | +/- 44,000     |
| Indo-Chinese                   | 74,000    | 12.34% | +/- 18,000     |
| Chinese                        | 374,000   | 8.22%  | +/- 61,000     |
| Korean                         | 20,000    | 8.59%  | +/- 3,000      |
| Japanese                       | 36,000    | 6.07%  | +/- 4,000      |
| Filipino                       | 120,000   | 22.95% | +/- 55,000     |
| Other Asian                    | 6,000     | 7.37%  | +/- 1,000      |
| Pacific Islands                | 4,000     | 11.37% | +/- 1,000      |
| Latin, Central & South America | 52,000    | 12.26% | +/- 13,000     |
| Caribbean Origins              | 158,000   | 7.03%  | +/- 22,000     |
| Black Origins                  | 41,000    | 10.78% | +/- 9,000      |
| Other African                  | 4,000     | 3.25%  | +/- 200        |
| Other Origins                  | 23,000    | 3.52%  | +/- 2,000      |
| British Only                   | 1,422,000 | 3.43%  | +/- 98,000     |

|                              |           |        |     |         |
|------------------------------|-----------|--------|-----|---------|
| French Only                  | 8,000     | 14.60% | +/- | 2,000   |
| Canadian & British           | 1,840,000 | 5.50%  | +/- | 202,000 |
| Canadian & French            | 1,233,000 | 7.78%  | +/- | 192,000 |
| Canadian & Other             | 708,000   | 5.31%  | +/- | 75,000  |
| British & French             | 667,000   | 4.24%  | +/- | 57,000  |
| Canadian, British & French   | 400,000   | 5.02%  | +/- | 40,000  |
| British & Other              | 1,316,000 | 3.65%  | +/- | 96,000  |
| French & Other               | 188,000   | 2.45%  | +/- | 9,000   |
| Canadian, British & Other    | 656,000   | 4.27%  | +/- | 56,000  |
| Canadian, French & Other     | 121,000   | 3.24%  | +/- | 8,000   |
| Canadian, Brit., Fre & Other | 163,000   | 4.55%  | +/- | 15,000  |
| British, French & Other      | 283,000   | 4.09%  | +/- | 23,000  |
| Other & Other                | 802,000   | 4.75%  | +/- | 76,000  |
| Non-response                 | 1,252,000 | 4.61%  | +/- | 115,000 |
| Invalid responses            | 45,000    | 5.06%  | +/- | 5,000   |

Table 3B: Calculation of coefficient of variance and MCT range of estimate at 95% level of confidence, Q.16 - Ethnic Origin

| Ethnic Origin                  | Total     | % C.V. | Estimate Range |
|--------------------------------|-----------|--------|----------------|
| British                        | 3,660,000 | 3.77%  | +/- 276,000    |
| French                         | 2,336,000 | 8.88%  | +/- 415,000    |
| Aboriginal                     | 122,000   | 5.65%  | +/- 14,000     |
| Canadian                       | 8,982,000 | 5.83%  | +/- 1,047,000  |
| West European                  | 499,000   | 2.27%  | +/- 23,000     |
| North European                 | 73,000    | 1.79%  | +/- 3,000      |
| East European                  | 447,000   | 4.58%  | +/- 41,000     |
| South European                 | 861,000   | 13.74% | +/- 237,000    |
| Jewish                         | 116,000   | 12.79% | +/- 30,000     |
| West Asian                     | 29,000    | 7.08%  | +/- 4,000      |
| Arab                           | 29,000    | 4.37%  | +/- 3,000      |
| South Asian                    | 162,000   | 8.03%  | +/- 26,000     |
| Indo-Chinese                   | 80,000    | 12.93% | +/- 21,000     |
| Chinese                        | 309,000   | 8.06%  | +/- 50,000     |
| Korean                         | 14,000    | 8.08%  | +/- 2,000      |
| Japanese                       | 29,000    | 6.72%  | +/- 4,000      |
| Filipino                       | 135,000   | 28.18% | +/- 76,000     |
| Other Asian                    | 5,000     | 8.13%  | +/- 1,000      |
| Pacific Islands                | 4,000     | 11.37% | +/- 1,000      |
| Latin, Central & South America | 52,000    | 10.35% | +/- 11,000     |
| Caribbean Origins              | 150,000   | 8.67%  | +/- 26,000     |
| Black Origins                  | 33,000    | 11.05% | +/- 7,000      |
| Other African                  | 3,000     | 3.05%  | +/- 200        |
| Other Origins                  | 31,000    | 2.05%  | +/- 1,000      |
| British Only                   | 441,000   | 5.47%  | +/- 48,000     |

|                              |           |       |     |         |
|------------------------------|-----------|-------|-----|---------|
| French Only                  | 2,000     | 2.29% | +/- | 100     |
| Canadian & British           | 1,817,000 | 5.12% | +/- | 186,000 |
| Canadian & French            | 1,181,000 | 9.81% | +/- | 232,000 |
| Canadian & Other             | 998,000   | 8.78% | +/- | 175,000 |
| British & French             | 249,000   | 4.86% | +/- | 24,000  |
| Canadian, British & French   | 176,000   | 5.01% | +/- | 18,000  |
| British & Other              | 463,000   | 3.65% | +/- | 34,000  |
| French & Other               | 59,000    | 2.22% | +/- | 3,000   |
| Canadian, British & Other    | 250,000   | 5.14% | +/- | 26,000  |
| Canadian, French & Other     | 34,000    | 2.77% | +/- | 2,000   |
| Canadian, Brit., Fre & Other | 18,000    | 2.78% | +/- | 1,000   |
| British, French & Other      | 65,000    | 1.76% | +/- | 2,000   |
| Other & Other                | 236,000   | 3.92% | +/- | 19,000  |
| Non-response                 | 1,209,000 | 5.90% | +/- | 143,000 |
| Invalid responses            | 46,000    | 6.94% | +/- | 6,000   |

Table 4: Difference Between 1986 Census Data and NCT Q. 15 and NCT Q. 16 Data, Canada.

| Ethnic Groups              | Q.15 - 1986 |          | Q.16 - 1986 |          | Q.16 - Q. 15 |          |
|----------------------------|-------------|----------|-------------|----------|--------------|----------|
|                            | Number      | % Change | Number      | % Change | Number       | % Change |
| ALL ETHNIC GROUPS(1)       | 456,917     | 1.80     | 456,917     | 1.80     | 0            | 0.00     |
| BRITISH.....               | (2,661,709) | -72.75   | (2,470,086) | -64.15   | 191,624      | 4.98     |
| FRENCH.....                | (3,442,543) | -129.99  | (3,633,606) | -147.87  | (191,063)    | -7.78    |
| ABORIGINAL.....            | (206,765)   | -151.98  | (214,898)   | -168.00  | (8,133)      | -6.36    |
| CANADIAN.....              | 4,137,500   | 98.38    | 9,380,882   | 99.28    | 5,243,382    | 55.49    |
| WEST EUROPEAN.....         | (367,019)   | -38.56   | (794,265)   | -151.43  | (427,246)    | -81.45   |
| NORTH EUROPEAN.....        | (57,072)    | -36.96   | (134,420)   | -174.46  | (77,348)     | -100.39  |
| EAST EUROPEAN.....         | (200,916)   | -29.29   | (416,826)   | -88.68   | (215,910)    | -45.93   |
| SOUTH EUROPEAN.....        | 19,104      | 1.52     | (335,379)   | -37.01   | (354,483)    | -39.12   |
| JEWISH.....                | (99,454)    | -67.95   | (124,248)   | -102.21  | (24,794)     | -20.40   |
| WEST ASIAN.....            | (14,338)    | -53.21   | (10,734)    | -35.13   | 3,604        | 11.80    |
| ARAB.....                  | (25,826)    | -55.57   | (42,163)    | -139.91  | (16,337)     | -54.21   |
| SOUTH ASIAN.....           | (80,630)    | -43.34   | (95,767)    | -56.03   | (15,137)     | -8.86    |
| INDO-CHINESE.....          | 3,630       | 4.64     | 9,166       | 10.94    | 5,536        | 6.61     |
| CHINESE.....               | 33,003      | 8.40     | (34,855)    | -10.72   | (67,857)     | -20.87   |
| KOREAN.....                | (6,062)     | -28.08   | (12,451)    | -81.92   | (6,389)      | -42.03   |
| JAPANESE.....              | (1,379)     | -3.55    | (10,081)    | -33.47   | (8,702)      | -28.90   |
| FILIPINO.....              | 33,225      | 26.30    | 49,380      | 34.66    | 16,155       | 11.34    |
| OTHER EAST-S.E. ASIAN..... | 1,924       | 31.34    | 1,346       | 24.20    | (578)        | -10.40   |
| PAC. IS.....               | (2,719)     | -69.71   | (2,517)     | -61.33   | 203          | 4.94     |
| LAT. CENT. & SO. AM.....   | 22,409      | 41.03    | 22,441      | 41.07    | 33           | 0.06     |
| CARRIBEAN.....             | 118,801     | 71.03    | 109,436     | 69.31    | (9,365)      | -5.93    |
| BLACK.....                 | (130,878)   | -297.64  | (140,607)   | -410.62  | (9,729)      | -28.41   |
| OTHER AFRICAN.....         | (1,137)     | -29.93   | (1,819)     | -58.40   | (683)        | -21.91   |
| OTHER.....                 | 15,490      | 62.74    | 23,221      | 71.62    | 7,732        | 23.85    |
| SINGLE ORIGINS.....        | (2,913,377) | -19.33   | 1,121,137   | 5.87     | 4,034,514    | 21.12    |
| BR. ONLY.....              | (570,789)   | -38.10   | (1,604,980) | -346.00  | (1,034,191)  | -222.95  |
| BRIT & FRE.....            | (432,954)   | -61.52   | (875,150)   | -334.62  | (442,195)    | -169.08  |
| BRIT & OTHER.....          | 1,763,210   | 43.89    | 407,686     | 15.32    | (1,355,525)  | -50.93   |
| CAN. & BR.....             | 1,922,179   | 99.17    | 1,895,030   | 99.16    | (27,149)     | -1.42    |
| CAN. & BR & OTH.....       | 682,396     | 98.78    | 254,278     | 96.80    | (428,118)    | -162.98  |
| BRIT & OTH (res).....      | (841,365)   | -60.63   | (1,741,622) | -357.24  | (900,258)    | -184.66  |
| FRE ONLY.....              | 1,919       | 24.47    | (4,233)     | -250.16  | (6,152)      | -363.60  |
| FRE & OTHER.....           | 1,300,520   | 80.03    | 1,015,108   | 75.77    | (285,412)    | -21.31   |
| CAN & FR.....              | 1,295,861   | 99.71    | 1,238,301   | 99.70    | (57,560)     | -4.63    |
| CAN & FR & OTH.....        | 126,281     | 99.44    | 34,792      | 98.00    | (91,489)     | -257.70  |
| FR & OTH (res).....        | (121,622)   | -61.29   | (257,985)   | -415.71  | (136,363)    | -219.73  |
| BR. FR. & OTH.....         | 330,971     | 37.12    | (288,059)   | -105.67  | (619,031)    | -227.08  |
| CAN & BR. & FR.....        | 419,723     | 99.52    | 182,683     | 98.90    | (237,040)    | -128.33  |
| CON & BR. & FR. & OT.....  | 169,383     | 98.72    | 16,812      | 88.43    | (152,571)    | -802.48  |
| BR. & FR. & OTH (res)..... | (258,130)   | -86.53   | (487,550)   | -707.72  | (229,420)    | -333.02  |
| OTHER.....                 | 977,416     | 61.44    | 685,408     | 52.77    | (292,008)    | -22.48   |
| CON & OTHER.....           | 735,610     | 98.66    | 1,040,098   | 99.05    | 304,487      | 29.00    |
| OTHER (res).....           | 241,806     | 28.61    | (354,690)   | -142.60  | (596,496)    | -239.82  |
| TOTAL MULT.....            | 3,370,294   | 32.61    | (664,220)   | -10.54   | (4,034,514)  | -64.04   |

(1) Excludes Yukon and N.W.T.

Table 5: EMPLOYMENT AND IMMIGRATION DATA for COUNTRY OF BIRTH, 1981 - 1988

| PLACE OF BIRTH           | EMPLOYMENT AND IMMIGRATION DATA |        |        |        |        |        |        |        | TOTAL   |
|--------------------------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|---------|
|                          | 1981                            | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   |         |
| UNITED STATES            | 8,699                           | 7,842  | 6,137  | 5,729  | 5,614  | 6,094  | 6,554  | 5,552  | 52,221  |
| CARIBBEAN & BERNUA       | 8,797                           | 8,717  | 7,258  | 5,696  | 6,240  | 8,948  | 11,242 | 9,444  | 66,342  |
| ANGUILLA                 |                                 | 4      | 2      |        | 2      |        |        | 1      | 24      |
| ANTIGUA                  | 133                             | 99     | 60     | 66     | 56     | 59     | 69     | 40     | 582     |
| BAHAMAS                  | 36                              | 49     | 18     | 23     | 30     | 25     | 28     | 27     | 236     |
| BARBADOS                 | 365                             | 284    | 241    | 258    | 279    | 256    | 286    | 274    | 2,243   |
| CAYMAN ISLANDS           |                                 |        |        |        |        | 3      |        | 5      | 21      |
| CUBA                     | 65                              | 111    | 123    | 115    | 144    | 138    | 161    | 109    | 966     |
| DOMINICA                 | 85                              | 103    | 63     | 79     | 84     | 56     | 81     | 64     | 642     |
| DOMINICAN REPUBLIC       | 55                              | 95     | 86     | 94     | 82     | 309    | 438    | 349    | 1,507   |
| GRENADA                  | 188                             | 250    | 179    | 169    | 177    | 248    | 308    | 173    | 1,692   |
| GUADALUPE                | 22                              | 28     | 12     |        | 10     | 16     | 10     | 12     | 110     |
| HAITI                    | 3,700                           | 3,508  | 2,859  | 1,427  | 1,329  | 1,765  | 2,171  | 1,844  | 18,613  |
| JAMAICA                  | 2,568                           | 2,711  | 2,478  | 2,519  | 2,981  | 4,688  | 5,500  | 3,997  | 27,562  |
| MARTINIQUE               | 24                              | 11     | 15     | 4      | 10     | 13     | 13     | 12     | 102     |
| MONTserrat               | 31                              | 10     | 8      | 22     | 22     | 16     | 14     | 11     | 130     |
| NETHERLANDS ANTILLES     | 34                              | 24     | 11     | 9      | 10     | 15     | 32     | 33     | 168     |
| PUERTO RICO              | 20                              | 18     | 3      | 8      | 2      | 7      | 9      | 4      | 71      |
| ST. CHRISTOPHER & NEVIS  | 72                              | 73     | 69     | 51     | 39     | 52     | 58     | 44     | 458     |
| ST. LUCIA                | 94                              | 135    | 68     | 74     | 81     | 96     | 92     | 80     | 720     |
| ST. VINCENT              | 198                             | 214    | 164    | 162    | 199    | 217    | 222    | 144    | 1,520   |
| TRINIDAD AND TOBAGO      | 947                             | 954    | 761    | 598    | 685    | 928    | 1,661  | 2,175  | 8,709   |
| TURKS AND CAICOS ISLANDS |                                 |        |        | 1      | 1      |        |        |        | 4       |
| VIRGIN ISLANDS (BRIT)    | 2                               | 2      | 1      |        |        | 3      | 9      | 2      | 19      |
| VIRGIN ISLANDS (U.S.A.)  | 3                               | 5      | 1      |        |        | 2      | 3      | 1      | 15      |
| BERNUA                   | 31                              | 25     | 25     | 12     | 17     | 32     | 52     | 25     | 219     |
| CENTRAL & SOUTH AMERICA  | 7,041                           | 8,549  | 8,488  | 8,140  | 9,165  | 12,088 | 17,680 | 12,726 | 84,279  |
| CENTRAL AMERICA          | 3,927                           | 3,657  | 4,058  | 4,091  | 5,927  | 6,815  | 5,544  | 33,512 | 33,512  |
| BELIZE                   | 28                              | 18     | 28     | 38     | 26     | 27     | 20     | 41     | 226     |
| COSTA RICA               | 31                              | 45     | 51     | 75     | 124    | 76     | 125    | 96     | 634     |
| EL SALVADOR              | 292                             | 881    | 2,572  | 2,638  | 2,735  | 3,050  | 3,510  | 2,682  | 18,374  |
| GUATEMALA                | 110                             | 119    | 369    | 600    | 970    | 1,273  | 1,070  | 688    | 5,199   |
| HONDURAS                 | 33                              | 35     | 70     | 71     | 69     | 84     | 139    | 114    | 615     |
| MEXICO                   | 397                             | 506    | 509    | 527    | 442    | 626    | 4,807  | 4,807  | 4,807   |
| NICARAGUA                | 19                              | 29     | 128    | 128    | 508    | 715    | 1,100  | 969    | 3,520   |
| PANAMA                   | 15                              | 14     | 13     | 17     | 18     | 18     | 25     | 25     | 145     |
| SOUTH AMERICA            | 6,116                           | 6,892  | 4,825  | 4,046  | 4,274  | 6,546  | 10,865 | 7,100  | 50,745  |
| ARGENTINA                | 435                             | 609    | 231    | 231    | 231    | 231    | 374    | 231    | 2,832   |
| BOLIVIA                  | 54                              | 42     | 52     | 39     | 43     | 76     | 169    | 68     | 543     |
| BRAZIL                   | 198                             | 188    | 135    | 150    | 138    | 194    | 236    | 383    | 1,622   |
| CHILE                    | 1,081                           | 1,108  | 790    | 683    | 540    | 1,471  | 1,998  | 7,314  | 7,314   |
| COLOMBIA                 | 371                             | 371    | 256    | 240    | 215    | 257    | 390    | 368    | 2,439   |
| ECUADOR                  | 217                             | 186    | 157    | 181    | 209    | 243    | 348    | 267    | 1,808   |
| FALKLAND ISLANDS         | 2                               |        |        |        |        |        |        | 1      | 19      |
| FRENCH GUIANA            |                                 | 5      | 3      | 1      |        | 1      | 4      | 3      | 19      |
| GUAYANA                  | 3,016                           | 3,636  | 2,678  | 1,960  | 2,327  | 3,983  | 6,267  | 3,079  | 26,946  |
| PARAGUAY                 | 35                              | 32     | 43     | 51     | 35     | 40     | 69     | 50     | 355     |
| PERU                     | 452                             | 412    | 241    | 303    | 335    | 624    | 855    | 1,233  | 4,455   |
| SURINAM                  | 25                              | 23     | 45     | 2      | 13     | 6      | 48     | 28     | 160     |
| URUGUAY                  | 147                             | 145    | 103    | 91     | 93     | 135    | 281    | 100    | 1,095   |
| VENEZUELA                | 111                             | 135    | 97     | 114    | 126    | 141    | 202    | 228    | 1,154   |
| UNITED KINGDOM & IRELAND | 19,763                          | 15,198 | 5,231  | 4,961  | 4,273  | 5,088  | 8,563  | 7,773  | 71,973  |
| UNITED KINGDOM           | 18,912                          | 14,525 | 4,962  | 4,657  | 3,998  | 4,612  | 7,656  | 7,477  | 66,782  |
| REPUBLIC OF IRELAND      | 851                             | 673    | 266    | 304    | 275    | 474    | 1,007  | 1,321  | 5,191   |
| EUROPE sub-total         | 24,212                          | 28,466 | 18,166 | 15,271 | 14,022 | 17,180 | 27,497 | 29,474 | 174,290 |
| ANDORRA                  |                                 | 1      |        |        |        |        |        |        | 1       |
| BELGIUM                  | 534                             | 532    | 260    | 183    | 181    | 187    | 267    | 299    | 2,443   |
| FRANCE                   | 1,681                           | 1,821  | 1,237  | 970    | 994    | 1,124  | 1,491  | 1,809  | 11,127  |
| LIECHTENSTEIN            |                                 | 2      |        |        | 3      |        | 1      |        | 10      |
| LUXEMBOURG               | 4                               | 2      |        | 6      | 2      | 6      | 3      | 4      | 37      |
| NETHERLANDS              | 1,769                           | 1,736  | 659    | 527    | 468    | 510    | 593    | 741    | 7,003   |
| WEST GERMANY             | 2,013                           | 3,123  | 2,410  | 1,647  | 1,480  | 1,300  | 1,809  | 1,549  | 15,331  |
| EAST GERMANY             | 62                              | 50     | 36     | 28     | 32     | 48     | 38     | 53     | 347     |

Table 5: EMPLOYMENT AND IMMIGRATION DATA FOR COUNTRY OF BIRTH, 1981 - 1988

| PLACE OF BIRTH                  | EMPLOYMENT AND IMMIGRATION DATA |        |       |       |       |        |        |        |         |  |
|---------------------------------|---------------------------------|--------|-------|-------|-------|--------|--------|--------|---------|--|
|                                 | 1981                            | 1982   | 1983  | 1984  | 1985  | 1986   | 1987   | 1988   | TOTAL   |  |
| AUSTRIA                         | 270                             | 360    | 180   | 149   | 189   | 206    | 285    | 224    | 1,863   |  |
| CZECHOSLOVAKIA                  | 1,276                           | 1,147  | 1,334 | 971   | 929   | 887    | 981    | 921    | 8,446   |  |
| HUNGARY                         | 593                             | 613    | 552   | 415   | 642   | 730    | 747    | 1,210  | 5,492   |  |
| SWITZERLAND                     | 807                             | 622    | 367   | 340   | 317   | 322    | 556    | 508    | 3,039   |  |
| POLAND                          | 4,093                           | 9,259  | 5,374 | 4,640 | 3,642 | 5,283  | 7,150  | 9,308  | 40,749  |  |
| ALBANIA                         | 2                               | 8      | 14    | 19    | 4     | 6      | 6      | 5      | 59      |  |
| BULGARIA                        | 76                              | 84     | 61    | 61    | 49    | 55     | 97     | 66     | 528     |  |
| GREECE                          | 924                             | 884    | 1,107 | 578   | 579   | 555    | 752    | 590    | 5,479   |  |
| ROMANIA                         | 1,003                           | 1,337  | 1,102 | 933   | 936   | 1,002  | 1,697  | 1,601  | 6,337   |  |
| YUGOSLAVIA                      | 841                             | 879    | 545   | 515   | 516   | 530    | 708    | 1,114  | 5,639   |  |
| U.S.S.R.                        | 1,321                           | 871    | 494   | 412   | 378   | 500    | 708    | 1,397  | 8,324   |  |
| ITALY                           | 2,057                           | 1,496  | 879   | 892   | 733   | 785    | 1,126  | 956    | 6,770   |  |
| CYPRUS                          | 156                             | 109    | 67    | 55    | 49    | 75     | 74     | 93     | 670     |  |
| GIBRALTAR                       | 5                               | 6      | 2     | 3     | 1     | 2      | 7      | 26     | 904     |  |
| MALTA                           | 259                             | 167    | 71    | 63    | 67    | 82     | 86     | 109    | 1,485   |  |
| MOROCCO                         | 3                               | 2      | 1     | 1     | 1     | 1      | 1      | 2      | 11      |  |
| PORTUGAL                        | 3,292                           | 2,308  | 1,373 | 1,366 | 1,360 | 2,451  | 7,245  | 6,280  | 25,675  |  |
| SAN MARINO                      |                                 |        |       |       |       |        |        |        |         |  |
| SPAIN                           | 304                             | 285    | 143   | 148   | 116   | 135    | 206    | 148    | 1,485   |  |
| VATICAN CITY STATE              |                                 |        |       |       |       |        |        |        |         |  |
| DENMARK                         | 283                             | 284    | 97    | 92    | 70    | 87     | 100    | 128    | 1,141   |  |
| FINLAND                         | 206                             | 181    | 74    | 83    | 74    | 71     | 102    | 91     | 882     |  |
| IRELAND                         | 31                              | 10     | 8     | 15    | 5     | 11     | 10     | 6      | 96      |  |
| NORWAY                          | 81                              | 104    | 42    | 34    | 58    | 49     | 75     | 69     | 512     |  |
| SWEDEN                          | 272                             | 204    | 160   | 129   | 147   | 103    | 172    | 145    | 1,412   |  |
| AFRICA, MIDDLE EAST & WEST ASIA | 11,656                          | 10,960 | 8,126 | 9,130 | 9,619 | 13,074 | 21,692 | 23,118 | 107,478 |  |
| MIDDLE EAST & WEST ASIA         | 5,457                           | 5,408  | 4,049 | 5,070 | 5,547 | 7,533  | 11,966 | 13,148 | 50,186  |  |
| BAHRAIN                         | 22                              | 3      | 3     | 3     | 2     | 6      | 24     | 35     | 108     |  |
| IRAN                            | 1,407                           | 1,820  | 1,673 | 2,066 | 1,812 | 2,151  | 3,478  | 4,080  | 18,407  |  |
| ISRAEL                          | 301                             | 286    | 407   | 566   | 401   | 318    | 452    | 810    | 3,540   |  |
| JORDAN                          | 1,028                           | 658    | 345   | 232   | 112   | 107    | 103    | 258    | 5,482   |  |
| KUWAIT                          | 118                             | 93     | 75    | 69    | 57    | 103    | 258    | 393    | 960     |  |
| LEBANON                         | 49                              | 71     | 50    | 42    | 57    | 103    | 258    | 393    | 1,023   |  |
| OMAN                            | 1,043                           | 1,116  | 749   | 1,191 | 1,650 | 2,453  | 3,709  | 3,690  | 15,001  |  |
| QATAR                           | 1                               | 3      | 2     | 12    | 2     | 3      | 3      | 10     | 19      |  |
| SAUDI ARABIA                    | 24                              | 26     | 23    | 30    | 51    | 108    | 161    | 207    | 710     |  |
| SYRIA                           | 421                             | 402    | 277   | 300   | 380   | 531    | 987    | 871    | 4,169   |  |
| UNITED ARAB EMIRATES            | 15                              | 23     | 13    | 26    | 25    | 6      | 183    | 263    | 616     |  |
| P.O.A. OF YEMEN (SOUTH)         | 10                              | 4      | 11    | 4     | 12    | 2      | 8      | 16     | 60      |  |
| YEMEN ARAB REPUBLIC (NORTH)     | 3                               | 3      | 5     | 3     | 11    | 5      | 4      | 16     | 53      |  |
| TURKEY                          | 965                             | 801    | 332   | 404   | 284   | 327    | 482    | 426    | 4,021   |  |
| AFGHANISTAN                     | 48                              | 87     | 85    | 127   | 362   | 951    | 972    | 972    | 3,228   |  |
| AFRICA                          | 6,199                           | 5,552  | 4,221 | 4,052 | 4,072 | 5,541  | 9,726  | 10,070 | 40,289  |  |
| NORTHERN AFRICA                 | 1,849                           | 1,852  | 1,106 | 1,168 | 1,511 | 2,296  | 2,560  | 2,560  | 13,553  |  |
| ALGERIA                         | 128                             | 154    | 106   | 119   | 83    | 113    | 174    | 264    | 1,155   |  |
| EGYPT                           | 766                             | 888    | 525   | 498   | 459   | 630    | 1,153  | 1,170  | 6,089   |  |
| LIBYA                           | 32                              | 12     | 30    | 20    | 37    | 49     | 67     | 105    | 352     |  |
| MOROCCO                         | 812                             | 676    | 460   | 347   | 462   | 574    | 672    | 824    | 4,827   |  |
| TUNISIA                         | 88                              | 89     | 67    | 66    | 76    | 78     | 122    | 157    | 743     |  |
| WESTERN SAHARA                  |                                 |        |       |       |       |        |        |        |         |  |
| SUDAN                           | 23                              | 33     | 19    | 56    | 51    | 67     | 70     | 78     | 396     |  |
| OTHER AFRICA                    | 4,350                           | 3,700  | 2,856 | 2,946 | 2,904 | 4,030  | 7,430  | 7,510  | 35,726  |  |
| MAURITANIA                      |                                 |        |       |       |       |        |        |        |         |  |
| BURUNDI                         | 11                              | 9      | 14    | 2     | 19    | 20     | 4      | 5      | 21      |  |
| CENTRAL AFRICAN REPUBLIC        | 3                               | 4      | 1     | 1     | 1     | 1      | 1      | 1      | 195     |  |
| CHAD                            | 1                               | 1      | 1     | 1     | 1     | 1      | 1      | 1      | 18      |  |
| COMO                            | 1                               | 1      | 1     | 1     | 1     | 1      | 1      | 1      | 6       |  |
| EQUATORIAL GUINEA               | 1                               | 1      | 1     | 1     | 1     | 1      | 1      | 1      | 29      |  |
| GAOON                           | 5                               | 6      | 2     | 1     | 1     | 1      | 1      | 1      | 29      |  |
| GUINIA                          | 11                              | 13     | 19    | 19    | 12    | 42     | 6      | 4      | 26      |  |
| SENEGAL                         | 53                              | 61     | 62    | 57    | 47    | 69     | 55     | 45     | 216     |  |
| ZAMBIA                          | 75                              | 58     | 23    | 30    | 20    | 30     | 60     | 95     | 569     |  |



Table 5: EMPLOYMENT AND IMMIGRATION DATA for COUNTRY OF BIRTH, 1981 - 1988

| PLACE OF BIRTH           | EMPLOYMENT AND IMMIGRATION DATA |        |        |        |        |        |        |        |         |
|--------------------------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|---------|
|                          | 1981                            | 1982   | 1983   | 1984   | 1985   | 1986   | 1987   | 1988   | TOTAL   |
| ZIMBABWE                 | 222                             | 198    | 66     | 41     | 46     | 86     | 144    | 159    | 962     |
| BENIN                    | 6                               | 3      | 3      | 4      | 2      | 5      | 11     | 19     | 53      |
| CAMEROON                 | 7                               | 20     | 9      | 9      | 15     | 16     | 25     | 20     | 129     |
| CAPE VERDE               | 2                               |        | 1      | 7      | 2      | 12     | 7      | 4      | 38      |
| GAMBIA                   | 1                               | 1      |        |        | 2      | 4      | 1      |        | 34      |
| GHANA                    | 204                             | 100    | 127    | 127    | 201    | 246    | 991    | 412    | 2,408   |
| GUINER                   | 10                              | 11     | 8      | 11     | 8      | 7      | 17     | 15     | 87      |
| GUINER-BISSAU            | 1                               |        | 2      |        |        |        |        |        | 13      |
| IVORY COAST              | 22                              | 16     | 15     | 29     | 26     | 35     | 34     | 61     | 238     |
| LIBERIA                  | 4                               | 7      | 11     | 8      | 6      | 12     | 10     | 11     | 73      |
| LIBI                     |                                 | 3      |        |        | 6      | 4      | 9      | 9      | 45      |
| NIGER                    | 76                              | 74     | 71     | 91     | 96     | 125    | 181    | 154    | 868     |
| NIGERIR                  | 1                               |        |        |        |        | 1      |        | 1      | 3       |
| SRO TOME & PRINCEIPE     | 22                              | 19     | 16     | 10     | 19     | 17     | 32     | 38     | 173     |
| SENEGAL                  | 3                               | 9      | 3      | 16     | 17     | 17     | 66     | 24     | 162     |
| SIERRA LEONE             | 5                               | 2      | 11     | 7      | 12     | 9      | 24     | 15     | 85      |
| TOGO                     | 1                               | 4      | 4      | 4      | 2      | 6      | 21     | 8      | 50      |
| BURKINA FRASO            | 58                              | 44     | 35     | 29     | 26     | 55     | 114    | 98     | 459     |
| ANGOLA                   | 6                               | 1      | 4      | 11     | 5      | 4      | 4      | 9      | 46      |
| BOTSWANA                 | 3                               | 10     | 5      | 11     | 9      | 7      | 14     | 15     | 70      |
| LESOTHO                  | 10                              | 10     | 5      | 4      | 337    | 791    | 1,608  | 1,460  | 7,074   |
| LESOTHO                  | 3                               | 2      | 1      | 9      | 12     | 4      | 11     | 11     | 50      |
| LESOTHO                  | 3                               | 4      |        |        | 1      | 2      | 1      | 3      | 14      |
| REPUBLIC OF SOUTH AFRICA | 152                             | 290    | 571    | 772    | 746    | 991    | 1,159  | 1,548  | 6,229   |
| SUAZILAND                | 543                             | 420    | 311    | 300    | 285    | 343    | 783    | 1,198  | 4,188   |
| SUAZILAND                | 90                              | 89     | 133    | 80     | 51     | 46     | 78     | 74     | 641     |
| COTORDS                  | 17                              | 21     | 13     | 9      | 3      | 10     | 27     | 19     | 119     |
| REPUBLIC OF OJIBOUTI     | 269                             | 340    | 156    | 193    | 157    | 320    | 581    | 539    | 2,555   |
| ETHIOPIA                 | 46                              | 35     | 11     | 36     | 15     | 51     | 76     | 83     | 353     |
| KENYA                    | 23                              | 5      | 2      | 1      | 5      | 11     | 23     | 18     | 60      |
| MAURITIUS                | 17                              | 21     | 13     | 9      | 3      | 10     | 27     | 19     | 119     |
| MAURITIUS                | 269                             | 340    | 156    | 193    | 157    | 320    | 581    | 539    | 2,555   |
| MOZAMBIQUE               | 46                              | 35     | 11     | 36     | 15     | 51     | 76     | 83     | 353     |
| REUNION                  | 23                              | 5      | 2      | 1      | 5      | 11     | 23     | 18     | 60      |
| SEYCHELLES               | 17                              | 21     | 13     | 9      | 3      | 10     | 27     | 19     | 119     |
| SOMALI REPUBLIC          | 269                             | 340    | 156    | 193    | 157    | 320    | 581    | 539    | 2,555   |
| TANZANIA                 | 46                              | 35     | 11     | 36     | 15     | 51     | 76     | 83     | 353     |
| UGANDA                   | 23                              | 5      | 2      | 1      | 5      | 11     | 23     | 18     | 60      |
| ST HELENA AND ASCENSION  | 1                               |        |        |        |        |        |        |        | 1       |
| ASIA sub-total           | 46,111                          | 39,147 | 34,389 | 38,001 | 34,072 | 35,136 | 58,048 | 69,544 | 354,458 |
| INDIAN SUBCONTINENT      | 10,703                          | 10,265 | 8,839  | 7,739  | 5,941  | 10,428 | 16,628 | 16,296 | 86,893  |
| INDONESIA                | 98                              | 104    | 87     | 104    | 101    | 477    | 501    | 466    | 1,938   |
| INDIA                    | 9,415                           | 8,858  | 7,810  | 6,082  | 4,517  | 7,481  | 10,670 | 11,867 | 66,700  |
| REPUBLIC OF MALDIVES     | 1                               |        |        |        |        |        |        |        | 1       |
| NEPAL                    | 1                               | 8      | 2      | 2      | 7      | 13     | 9      | 12     | 54      |
| PAKISTAN                 | 821                             | 1,001  | 735    | 528    | 473    | 627    | 979    | 1,233  | 6,397   |
| SRI LANKA                | 368                             | 294    | 205    | 107    | 842    | 1,030  | 4,469  | 2,718  | 11,802  |
| INDO-CHINA               | 11,012                          | 8,425  | 8,491  | 13,193 | 12,146 | 8,673  | 9,387  | 9,837  | 80,366  |
| BRUNEI                   | 222                             | 181    | 59     | 52     | 41     | 76     | 260    | 877    | 1,768   |
| BURMA                    | 139                             | 117    | 67     | 70     | 57     | 38     | 72     | 122    | 682     |
| KAMPUCHEA                | 1,479                           | 1,505  | 1,549  | 1,529  | 1,470  | 1,311  | 1,378  | 1,358  | 11,579  |
| LAOS                     | 845                             | 393    | 444    | 835    | 365    | 597    | 457    | 605    | 4,741   |
| THAILAND                 | 164                             | 284    | 330    | 522    | 611    | 650    | 473    | 528    | 3,562   |
| VIETNAM                  | 8,183                           | 5,345  | 6,042  | 10,185 | 9,602  | 6,201  | 5,749  | 6,147  | 58,034  |
| KOREA                    | 1,507                           | 1,583  | 1,081  | 873    | 984    | 1,203  | 2,350  | 2,808  | 12,389  |
| NORTH KOREA              | 3                               | 5      | 1      | 5      | 4      | 2      |        |        | 21      |
| SOUTH KOREA              | 1,504                           | 1,577  | 1,080  | 868    | 980    | 1,203  | 2,349  | 2,807  | 12,368  |
| OTHER ASIA               | 22,889                          | 18,874 | 15,988 | 16,142 | 15,001 | 14,632 | 30,681 | 40,603 | 174,810 |
| MONGOLIA                 |                                 |        |        |        |        |        |        |        | 1       |
| REPUBLIC OF CHINA        | 9,798                           | 6,295  | 5,321  | 5,770  | 5,166  | 4,178  | 6,633  | 7,791  | 50,952  |
| HONG KONG                | 4,039                           | 4,452  | 4,238  | 5,013  | 5,121  | 4,318  | 12,626 | 18,033 | 57,640  |
| JAPAN                    | 786                             | 622    | 333    | 256    | 225    | 275    | 437    | 351    | 3,285   |

Table 3: EMPLOYMENT AND IMMIGRATION DATA for COUNTRY OF BIRTH, 1981 - 1988

| PLACE OF BIRTH            | EMPLOYMENT AND IMMIGRATION DATA |         |        |        |        |        |         |         | TOTAL   |
|---------------------------|---------------------------------|---------|--------|--------|--------|--------|---------|---------|---------|
|                           | 1981                            | 1982    | 1983   | 1984   | 1985   | 1986   | 1987    | 1988    |         |
| MACAO                     | 161                             | 137     | 136    | 83     | 121    | 130    | 531     | 531     | 1,830   |
| TAIWAN                    | 704                             | 600     | 570    | 420    | 480    | 648    | 1,426   | 1,984   | 6,832   |
| INDONESIA                 | 263                             | 347     | 169    | 183    | 164    | 197    | 304     | 365     | 1,992   |
| MALAYSIA                  | 853                             | 788     | 431    | 422    | 406    | 490    | 920     | 2,123   | 6,433   |
| PHILIPPINES               | 5,978                           | 5,295   | 4,597  | 3,858  | 3,183  | 4,203  | 7,430   | 8,636   | 43,180  |
| SINGAPORE                 | 307                             | 338     | 193    | 137    | 135    | 192    | 373     | 789     | 2,464   |
| OCEANIA & OTHER           | 1,786                           | 1,745   | 955    | 912    | 849    | 912    | 1,073   | 1,091   | 9,323   |
| OCEANIA                   | 1,740                           | 1,584   | 949    | 826    | 844    | 837    | 1,072   | 1,086   | 8,936   |
| AMERICAN SAMOA            | 2                               |         |        |        | 1      | 1      | 1       |         | 5       |
| AUSTRALIA                 | 536                             | 409     | 250    | 268    | 251    | 280    | 345     | 329     | 2,668   |
| REPUBLIC OF BELAU         |                                 |         | 1      |        |        |        |         |         | 0       |
| COOK ISLANDS              |                                 |         |        |        |        |        |         |         | 1       |
| FIJI                      | 679                             | 794     | 541    | 382    | 433    | 366    | 517     | 547     | 4,259   |
| FRENCH POLYNESIA          | 8                               | 6       | 1      | 2      | 3      |        | 4       | 2       | 26      |
| KIRIBATI                  | 4                               |         | 1      |        |        |        | 1       | 1       | 7       |
| MARSHALL ISLANDS          |                                 |         |        |        |        |        |         |         | 0       |
| FED. STATES OF MICRONESIA |                                 | 1       | 4      |        | 1      | 3      | 1       | 2       | 12      |
| NAURU                     |                                 |         | 5      | 5      | 2      | 8      | 4       | 4       | 3       |
| NEW CALEDONIA             | 11                              | 7       |        |        |        |        |         |         | 46      |
| NEW ZEALAND               | 475                             | 346     | 138    | 160    | 139    | 167    | 191     | 189     | 1,805   |
| PAPUA NEW GUINEA          | 9                               |         | 6      | 2      | 8      | 2      | 3       | 7       | 40      |
| PITCAIRN ISLAND           |                                 | 1       |        |        |        |        |         |         | 2       |
| SOLOMON ISLANDS           |                                 |         |        | 1      |        |        |         |         | 1       |
| TONGA                     | 4                               | 8       | 1      | 2      | 5      | 6      | 1       | 3       | 30      |
| TUVALU                    | 1                               |         |        | 1      |        |        |         | 1       | 3       |
| VANUATU                   | 3                               | 4       |        |        |        | 1      | 2       |         | 10      |
| WALLIS AND FUTUNA         |                                 |         |        |        |        |        |         |         | 0       |
| WESTERN SAMOA             | 8                               | 5       | 1      | 3      |        | 3      |         | 5       | 28      |
| OTHER                     | 46                              | 161     | 6      | 86     | 5      | 75     | 1       | 1       | 365     |
| GREENLAND                 | 3                               | 1       | 1      |        |        |        |         |         | 7       |
| ST. PIERRE AND MIQUELON   | 7                               | 8       | 5      | 3      | 5      | 5      | 1       | 4       | 38      |
| OTHER                     | 36                              | 152     |        | 83     |        | 69     |         |         | 340     |
| SUBTOTAL                  | 128,065                         | 120,624 | 88,758 | 87,840 | 83,854 | 98,903 | 152,449 | 159,845 | 920,338 |
| CANADA                    | 553                             | 523     | 399    | 399    | 388    | 385    | 365     | 338     | 3,350   |
| AFRICA N.E.S.             |                                 |         |        |        | 5      |        | 1       | 1       | 7       |
| ASIA N.E.S.               |                                 |         |        |        | 54     | 21     | 65      |         | 140     |
| TOTAL                     | 128,618                         | 121,147 | 89,157 | 88,239 | 84,301 | 99,309 | 152,880 | 160,184 | 923,835 |

Table 6: Comparison of 1986 and NCT data for Ethnic Origin, Ancestry and Identity Questions

| Mark-boxes | 1986<br>Census (1)<br>(Q17) Origin | Q15 NCT<br>Ancestry (3) | Number<br>Difference | %<br>Difference | Q16 NCT<br>Identity (3) | Number<br>Difference | %<br>Difference |
|------------|------------------------------------|-------------------------|----------------------|-----------------|-------------------------|----------------------|-----------------|
| French     | 8,106,815                          | 5,860,000               | (2,246,815)          | -27.7%          | 4,321,000               | (3,785,815)          | -46.7%          |
| English    | 9,282,085                          | 7,816,000               | (1,466,085)          | -15.8%          | 6,104,000               | (3,178,085)          | -34.2%          |
| German     | 2,460,210                          | 2,290,000               | (170,210)            | -6.9%           | 974,000                 | (1,486,210)          | -60.4%          |
| Scottish   | 3,906,475                          | 3,683,000               | (223,475)            | -5.7%           | 1,361,000               | (2,545,475)          | -65.2%          |
| Irish      | 3,611,890                          | 3,262,000               | (349,890)            | -9.7%           | 1,167,000               | (2,444,890)          | -67.7%          |
| Italian    | 1,006,070                          | 998,000                 | (8,070)              | -0.8%           | 704,000                 | (302,070)            | -30.0%          |
| Ukrainian  | 958,715                            | 963,000                 | 4,285                | 0.4%            | 521,000                 | (437,715)            | -45.7%          |
| Dutch      | 879,720                            | 781,000                 | (98,720)             | -11.2%          | 329,000                 | (550,720)            | -62.6%          |
| Chinese    | 413,620                            | 458,000                 | 44,380               | 10.7%           | 398,000                 | (15,620)             | -3.8%           |
| Jewish     | 343,235                            | 260,000                 | (83,235)             | -24.3%          | 241,000                 | (102,235)            | -29.8%          |
| Polish     | 610,915                            | 652,000                 | 41,085               | 6.7%            | 277,000                 | (333,915)            | -54.7%          |
| Portugese  | 237,075                            | 337,000                 | 99,925               | 42.1%           | 279,000                 | 41,925               | 17.7%           |
| Canadian   | 111,305                            | 9,582,000               | 9,470,695            | 8508.8%         | 14,127,000              | 14,015,695           | 12592.2%        |
| Black (2)  | 253,825                            | 44,000                  | (209,825)            | -82.7%          | 34,000                  | (219,825)            | -86.6%          |

(1) All groups exclude counts for the Yukon and Northwest Territories. In the case of aboriginal groups, all on-reserve counts have been excluded.

(2) NCT Black was not a mark-box. Number shown includes write-ins of Black, American Black, Canadian Black, African Black and West Indian Black. 1986 Black was a mark-box.

(3) NCT data has been adjusted for non-response and invalid responses.

Table 6: Comparison of 1986 and NCT data for Ethnic Origin, Ancestry and Identity Questions

| Mark-boxes | 1986<br>Census (1)<br>(Q17) Origin | Q15 NCT<br>Ancestry (3) | Number<br>Difference | %<br>Difference | %<br>C.V. | Estimate<br>Range | Q16 NCT<br>Identity (3) | Number<br>Difference | %<br>Difference | %<br>C.V. | Estimate<br>Range |
|------------|------------------------------------|-------------------------|----------------------|-----------------|-----------|-------------------|-------------------------|----------------------|-----------------|-----------|-------------------|
| French     | 8,106,815                          | 5,860,000               | (2,246,815)          | -27.7%          | 1.8%      | 210,960           | 4,321,000               | (3,785,815)          | -46.7%          | 2.2%      | 190,124           |
| English    | 9,282,085                          | 7,816,000               | (1,466,085)          | -15.8%          | 1.4%      | 218,848           | 6,104,000               | (3,178,085)          | -34.2%          | 1.8%      | 219,744           |
| German     | 2,460,210                          | 2,290,000               | (170,210)            | -6.9%           | 3.4%      | 155,720           | 974,000                 | (1,486,210)          | -60.4%          | 4.9%      | 95,452            |
| Scottish   | 3,906,475                          | 3,683,000               | (223,475)            | -5.7%           | 2.2%      | 162,052           | 1,361,000               | (2,545,475)          | -65.2%          | 3.9%      | 106,158           |
| Irish      | 3,611,890                          | 3,262,000               | (349,890)            | -9.7%           | 2.7%      | 176,148           | 1,167,000               | (2,444,890)          | -67.7%          | 4.9%      | 114,366           |
| Italian    | 1,006,070                          | 998,000                 | (8,070)              | -0.8%           | 4.9%      | 97,804            | 704,000                 | (302,070)            | -30.0%          | 5.6%      | 78,848            |
| Ukrainian  | 958,715                            | 963,000                 | 4,285                | 0.4%            | 4.9%      | 94,374            | 521,000                 | (437,715)            | -45.7%          | 7.0%      | 72,940            |
| Dutch      | 879,720                            | 781,000                 | (98,720)             | -11.2%          | 5.6%      | 87,472            | 329,000                 | (550,720)            | -62.6%          | 8.4%      | 55,272            |
| Chinese    | 413,620                            | 458,000                 | 44,380               | 10.7%           | 7.4%      | 67,784            | 398,000                 | (15,620)             | -3.8%           | 7.8%      | 62,088            |
| Jewish     | 343,235                            | 260,000                 | (83,235)             | -24.3%          | 10.0%     | 52,000            | 241,000                 | (102,235)            | -29.8%          | 10.0%     | 48,200            |
| Polish     | 610,915                            | 652,000                 | 41,085               | 6.7%            | 5.6%      | 73,024            | 277,000                 | (333,915)            | -54.7%          | 9.1%      | 50,414            |
| Portuguese | 237,075                            | 337,000                 | 99,925               | 42.1%           | 8.4%      | 56,616            | 279,000                 | 41,925               | 17.7%           | 9.1%      | 50,778            |
| Canadian   | 111,305                            | 9,582,000               | 9,470,695            | 8508.8%         | 1.2%      | 229,968           | 14,127,000              | 14,015,695           | 12592.2%        | 0.7%      | 197,778           |
| Black (2)  | 253,825                            | 44,000                  | (209,825)            | -82.7%          | 23.5%     | 20,680            | 34,000                  | (219,825)            | -86.6%          | 26.7%     | 18,156            |

(1) All groups exclude counts for the Yukon and Northwest Territories. In the case of aboriginal groups, all on-reserve counts have been excluded.

(2) NCT Black was not a mark-box. Number shown includes write-ins of Black, American Black, Canadian Black, African Black and West Indian Black. 1986 Black was a mark-box.

(3) NCT data has been adjusted for non-response and invalid responses.

Table 7: Proportion of the NCT Population Responding Canadians  
to Ethnic Ancestry (Q15) and Ethnic Identity (Q16)

|                                     | Q.15 (Ancestry) |      | Q.16 (Identity) |      |
|-------------------------------------|-----------------|------|-----------------|------|
| Canadian                            | 3,990,000       | 15.7 | 8,982,000       | 35.4 |
| Canadian + British                  | 1,840,000       | 7.2  | 1,817,000       | 7.2  |
| Canadian + French                   | 1,233,000       | 4.9  | 1,181,000       | 4.6  |
| Canadian + Other                    | 708,000         | 2.8  | 998,000         | 3.9  |
| Canadian, British<br>+ French       | 400,000         | 1.6  | 176,000         | 0.7  |
| Canadian, British<br>+ Other        | 656,000         | 2.6  | 250,000         | 1.0  |
| Canadian, French<br>+ Other         | 121,000         | 0.5  | 34,000          | 0.1  |
| Canadian, British,<br>French, Other | 163,000         | 0.6  | 18,000          | 0.1  |
| Non-Response/Invalid                | 1,308,000       | 5.1  | 1,255,000       | 5.0  |
| Single Canadian                     |                 | 15.7 |                 | 35.4 |
| Multiple Canadian                   |                 | 20.2 |                 | 17.6 |
| Total                               |                 | 35.9 |                 | 53.0 |

Note: Unadjusted NCT data.

TABLE 8: Distribution of Single Response Canadian, Canada, Provinces, NCT

|                      | Question 15 |         | Question 16 |         | Difference % Diff. |       |
|----------------------|-------------|---------|-------------|---------|--------------------|-------|
|                      | Number      | Percent | Number      | Percent |                    |       |
| Total                | 3,990,000   | 15.70%  | 8,982,000   | 35.40%  | 4,992,000          | 55.6% |
| Newfoundland         | 102,000     | 2.50%   | 162,000     | 1.80%   | 60,000             | 37.0% |
| Prince Edward Island | 12,000      | 0.30%   | 31,000      | 0.30%   | 19,000             | 61.3% |
| Nova Scotia          | 132,000     | 3.30%   | 270,000     | 3.00%   | 138,000            | 51.1% |
| New Brunswick        | 93,000      | 2.30%   | 174,000     | 1.90%   | 81,000             | 46.6% |
| Quebec               | 2,104,000   | 52.70%  | 2,610,000   | 29.05%  | 506,000            | 19.4% |
| Ontario              | 987,000     | 24.70%  | 3,143,000   | 35.00%  | 2,156,000          | 68.6% |
| Manitoba             | 77,000      | 1.90%   | 322,000     | 3.60%   | 245,000            | 76.1% |
| Saskatchewan         | 92,000      | 2.30%   | 377,000     | 4.20%   | 285,000            | 75.6% |
| Alberta              | 171,000     | 4.30%   | 905,000     | 10.10%  | 734,000            | 81.1% |
| British Columbia     | 219,000     | 5.50%   | 989,000     | 11.00%  | 770,000            | 77.9% |

Note: Unadjusted NCT data.

TABLE 9: Distribution of Multiple Response Canadian, Canada, Provinces, NCT

|                      | Question 15 |         | Question 16 |         | Difference & Diff. |        |
|----------------------|-------------|---------|-------------|---------|--------------------|--------|
|                      | Number      | Percent | Number      | Percent |                    |        |
| Total                | 5,120,000   | 20.00%  | 4,473,000   | 17.60%  | (647,000)          | -14.5% |
| Newfoundland         | 119,000     | 2.32%   | 107,000     | 2.39%   | (12,000)           | -11.2% |
| Prince Edward Island | 25,000      | 0.49%   | 28,000      | 0.63%   | 3,000              | 10.7%  |
| Nova Scotia          | 184,000     | 3.59%   | 140,000     | 3.13%   | (44,000)           | -31.4% |
| New Brunswick        | 204,000     | 3.98%   | 179,000     | 4.00%   | (25,000)           | -14.0% |
| Quebec               | 1,172,000   | 22.89%  | 1,099,000   | 24.57%  | (73,000)           | -6.6%  |
| Ontario              | 2,077,000   | 40.57%  | 1,709,000   | 38.21%  | (368,000)          | -21.5% |
| Manitoba             | 206,000     | 4.02%   | 169,000     | 3.78%   | (37,000)           | -21.9% |
| Saskatchewan         | 232,000     | 4.53%   | 178,000     | 3.98%   | (54,000)           | -30.3% |
| Alberta              | 329,000     | 6.43%   | 350,000     | 7.82%   | 21,000             | 6.0%   |
| British Columbia     | 573,000     | 11.19%  | 501,000     | 11.20%  | (72,000)           | -14.4% |

Note: Unadjusted NCT data.

Table 10: Ethnic Origin (Q.15) and Ethnic Identity (Q.16) of Canadians  
by Mother Tongue, NCT, Canada

| Mother<br>Tongue<br>Groups | Canadian Single Responses  |                            |   |
|----------------------------|----------------------------|----------------------------|---|
|                            | Ethnic<br>Ancestry<br>Q.15 | Ethnic<br>Identity<br>Q.16 | Distribution of<br>Mother Tongue<br>Groups for Canada |
| English                    | 1,809,000                  | 6,013,000                  |   |
|                            | 45.3%                      | 67.0%                      | 61.2%   |
| French                     | 2,117,000                  | 2,550,000                  |   |
|                            | 53.1%                      | 28.0%                      | 25.3%   |
| Other                      | 64,000                     | 419,000                    |   |
|                            | 1.6%                       | 5.0%                       | 13.5%   |
| Total                      | 3,990,000                  | 8,982,000                  | 100.0%  |



Table 11a: Canadian Ancestry by Immigrant Status

|  | Immigrant |     | Non-Immigrant |      | Non-Response |     |
|--|-----------|-----|---------------|------|--------------|-----|
| Canadian<br>(3,990,000)                        | 15,000    | 0.4 | 3,931,000     | 98.5 | 45,000       | 1.1 |
| Canadian & British<br>(1,840,000)              | 23,000    | 1.3 | 1,784,000     | 96.9 | 33,000       | 1.8 |
| Canadian & French<br>(1,233,000)               | 4,000     | 0.3 | 1,199,000     | 97.2 | 31,000       | 2.5 |
| Canadian & Other<br>(708,000)                  | 19,000    | 2.7 | 682,000       | 96.3 | 7,000        | 1   |
| Canadian, British & French<br>(400,000)        | 5,000     | 1.1 | 386,000       | 96.7 | 9,000        | 2.2 |
| Canadian, British & Other<br>(656,000)         | 5,000     | 0.7 | 640,000       | 97.6 | 11,000       | 1.7 |
| Canadian, French & Other<br>(121,000)          | "         | 0.2 | 120,000       | 99.3 | "            | 0.4 |
| Canadian, British, French &<br>Other (163,000) | 1,000     | 0.4 | 160,000       | 98.5 | 2,000        | 1.1 |

" = value under 1,000  
Unadjusted NCT data; data rounded to nearest thousand.

Table 11b: Canadian Identity by Immigrant Status

|   | Immigrant |      | Non-Immigrant |      | Non-Response |     |
|---|-----------|------|---------------|------|--------------|-----|
| Canadian<br>(8,982,000)                       | 249,000   | 2.8  | 8,631,000     | 96.1 | 102,000      | 1.1 |
| Canadian & British<br>(1,817,000)             | 130,000   | 7.1  | 1,649,000     | 90.8 | 38,000       | 2.1 |
| Canadian & French<br>(1,181,000)              | 9,000     | 0.8  | 1,132,000     | 95.8 | 40,000       | 3.4 |
| Canadian & Other<br>(998,000)                 | 235,000   | 23.6 | 740,000       | 74.2 | 22,000       | 2.2 |
| Canadian, British & French<br>(176,000)       | 3,000     | 1.9  | 170,000       | 96.8 | 2,000        | 1.3 |
| Canadian, British & Other<br>(250,000)        | 10,000    | 3.9  | 236,000       | 94.5 | 4,000        | 1.6 |
| Canadian, French & Other<br>(34,000)          | 2,000     | 4.9  | 32,000        | 94.9 | "            | 0.2 |
| Canadian, French, British &<br>Other (18,000) | "         | 1.2  | 17,000        | 95.3 | 1,000        | 3.4 |

" = value under 1,000  
Unadjusted NCT data; data rounded to nearest thousand.



TABLE 13: Percentage of Ethnic Group Reporting Canadian in Q16

| Group<br>Q. 15            | Canadian | Canadian +<br>British | Canadian +<br>French | Canadian +<br>Other | Canadian +<br>Br/Fr | Canadian +<br>Br./Other | Canadian +<br>Fr./Other | Canadian +<br>Br./Fr./Other |
|---------------------------|----------|-----------------------|----------------------|---------------------|---------------------|-------------------------|-------------------------|-----------------------------|
| British                   | 18.10    | 12.40                 | 0.14                 | 0.23                | 0.01                | 0.10                    | 0.00                    | 0.01                        |
| French                    | 6.20     | 0.20                  | 8.60                 | 0.00                | 0.20                | 0.01                    | 0.00                    | 0.03                        |
| Aboriginal                | 7.70     | 0.40                  | 1.00                 | 10.80               | 0.00                | 0.00                    | 0.08                    | 0.08                        |
| Canadian                  | 92.50    | 1.70                  | 1.40                 | 0.40                | 0.04                | 0.10                    | 0.02                    | 0.02                        |
| W. European               | 22.30    | 2.00                  | 0.03                 | 12.90               | 0.00                | 1.40                    | 0.00                    | 0.00                        |
| N. European               | 33.10    | 2.60                  | -                    | 15.00               | 0.00                | 0.20                    | 0.20                    | 0.00                        |
| E. European               | 16.40    | 1.30                  | -                    | 11.10               | 0.00                | 0.50                    | -                       | -                           |
| S. European               | 9.40     | 0.20                  | 0.10                 | 15.30               | 0.00                | 0.07                    | -                       | -                           |
| Jewish                    | 4.90     | -                     | -                    | 16.10               | 0.00                | 0.90                    | 1.10                    | -                           |
| W. Asian                  | 6.10     | -                     | -                    | 3.20                | 0.00                | -                       | -                       | -                           |
| Arab                      | 26.60    | -                     | -                    | 12.10               | 0.00                | -                       | -                       | -                           |
| S. Asian                  | 9.30     | -                     | -                    | 3.30                | 0.00                | -                       | -                       | -                           |
| Indo. Chinese             | 7.20     | -                     | -                    | 6.00                | 0.00                | -                       | -                       | -                           |
| Chinese                   | 3.10     | 0.10                  | -                    | 6.00                | -                   | -                       | -                       | -                           |
| Korean                    | 6.20     | -                     | -                    | 9.00                | -                   | -                       | -                       | -                           |
| Japanese                  | 7.70     | -                     | -                    | 10.20               | -                   | 5.20                    | -                       | -                           |
| Filipino                  | 6.50     | -                     | -                    | 3.20                | -                   | -                       | -                       | -                           |
| Other Asian               | 0.00     | -                     | -                    | -                   | -                   | -                       | -                       | -                           |
| Pacific Islands           | 0.00     | -                     | -                    | -                   | -                   | -                       | -                       | -                           |
| LCS American              | 3.70     | -                     | -                    | 16.50               | -                   | -                       | -                       | -                           |
| Caribbean                 | 7.10     | -                     | -                    | 8.70                | -                   | -                       | -                       | -                           |
| Black                     | 2.80     | -                     | -                    | -                   | -                   | -                       | -                       | -                           |
| Other African             | 0.00     | -                     | -                    | 10.30               | -                   | -                       | -                       | -                           |
| Other                     | 48.50    | -                     | -                    | 8.10                | -                   | -                       | -                       | -                           |
| British Only              | 28.10    | 13.60                 | -                    | 0.10                | 0.07                | 0.20                    | -                       | -                           |
| French Only               | 12.00    | -                     | -                    | -                   | -                   | -                       | -                       | -                           |
| Canadian + British        | 52.30    | 39.30                 | 0.90                 | 0.10                | 0.30                | 0.70                    | -                       | -                           |
| Canadian + French         | 24.50    | 0.40                  | 64.60                | 0.10                | 1.60                | 0.02                    | 0.09                    | 0.00                        |
| Canadian + Other          | 50.80    | 1.90                  | 1.30                 | 35.10               | 0.06                | 1.30                    | 0.07                    | 0.20                        |
| British + French          | 19.50    | 6.20                  | 2.70                 | 0.00                | 5.30                | -                       | -                       | -                           |
| Canadian, British, French | 42.60    | 18.30                 | 6.80                 | -                   | 23.30               | -                       | -                       | -                           |
| British + Other           | 36.70    | 5.90                  | 0.10                 | 2.10                | -                   | 5.90                    | -                       | -                           |
| French + Other            | 29.50    | 2.10                  | 2.80                 | 1.90                | 0.80                | 0.30                    | 4.50                    | -                           |
| Canadian, British + Other | 56.00    | 12.00                 | -                    | 4.20                | 0.20                | 16.40                   | -                       | 0.10                        |
| Canadian, French + Other  | 56.50    | 5.40                  | 8.80                 | 2.30                | 2.40                | 0.20                    | 15.00                   | 0.90                        |
| Can., Br., Fr. + Other    | 48.50    | 14.00                 | 7.20                 | 4.20                | 3.10                | 1.90                    | 0.70                    | 5.80                        |
| British, French + Other   | 38.30    | 3.70                  | 1.10                 | 1.50                | 0.70                | 0.30                    | 0.20                    | 1.00                        |
| Other/Other               | 26.50    | 1.40                  | -                    | 16.10               | -                   | 0.60                    | 0.00                    | -                           |
| Non-response              | 16.40    | 1.20                  | 0.10                 | 1.00                | 0.02                | 0.10                    | -                       | 0.10                        |
| Invalid                   | 24.60    | 1.80                  | -                    | 4.60                | -                   | -                       | -                       | -                           |

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